

# Arthritis in Bear River Local Health District

The Centers for Disease Control and Prevention defines individuals with “**arthritis**” as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that one in every five adults 21,494 (22.1%) in the Bear River Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with “**possible arthritis**” are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is not currently a focus of our program. Using this definition one in every five adults (20.0%) reported possible arthritis in the Bear River Health District. (Figure 1)

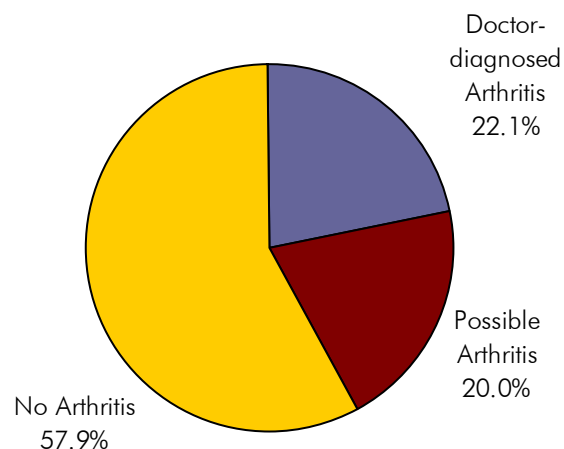
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Bear River Health District (27.8%) is not statistically different than the state (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Bear River Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

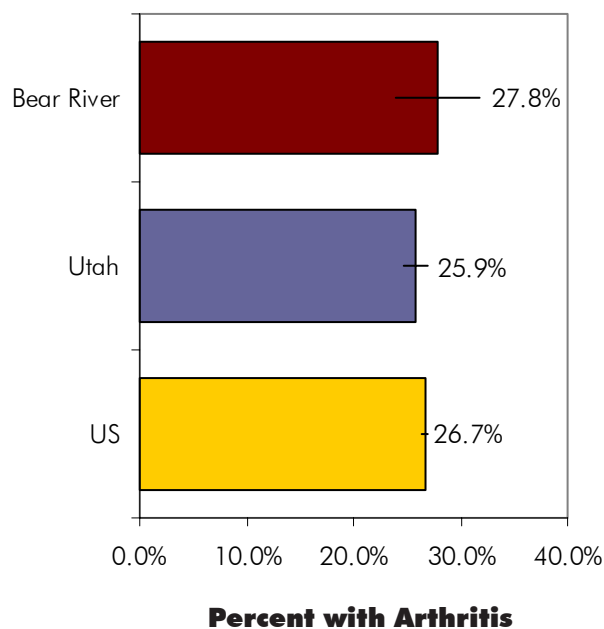
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

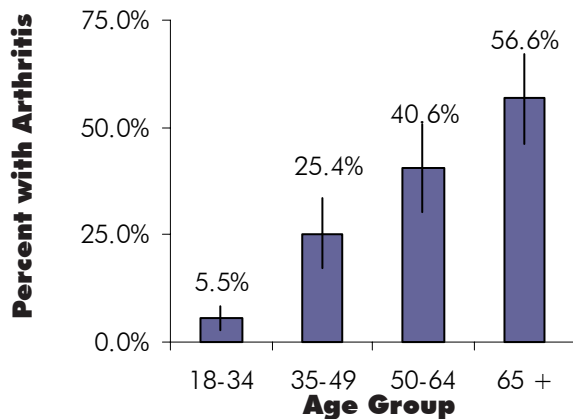
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

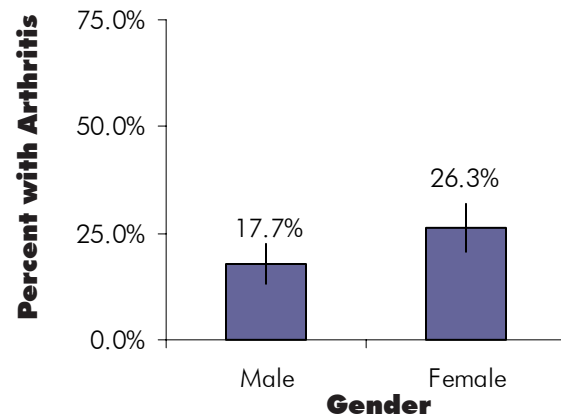


Source: Utah, BRFSS 2002-2003

- In the Bear River Health District, doctor-diagnosed arthritis increases with age, rising from 5.5% among persons 18-34 to 56.6% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

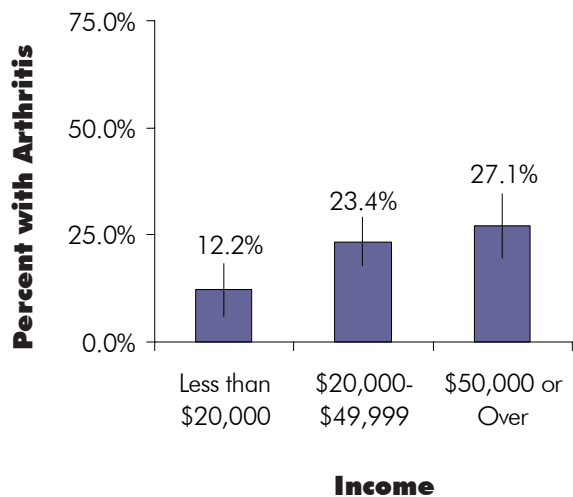


Source: Utah, BRFSS 2002-2003

- In the Bear River Health District, slightly more than one-fourth (26.3%) of females reported doctor-diagnosed arthritis compared to 17.7% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

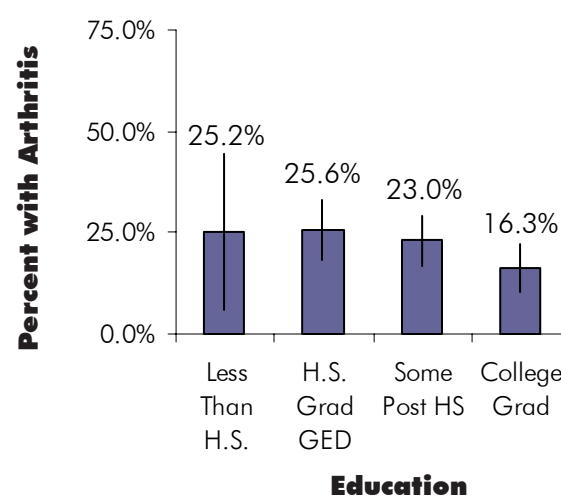


Source: Utah, BRFSS 2002-2003

- In the Bear River Health District, the prevalence of doctor-diagnosed arthritis is two times greater among adults living in households with incomes greater than \$50,000 (27.1%) when compared to adults living in households earning less than \$20,000 (12.2%).

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

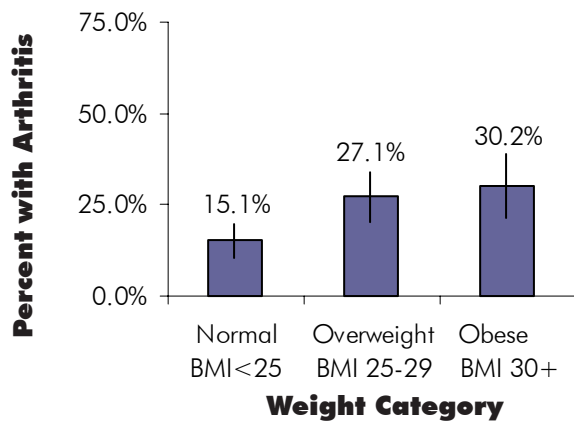


Source: Utah, BRFSS 2002-2003

- In the Bear River Health District, slightly over half (50.8%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis, compared to 39.3% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

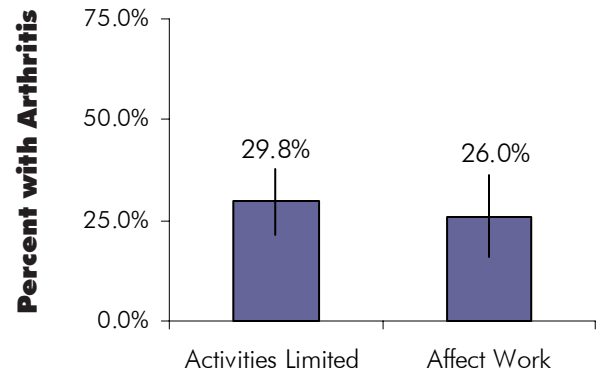


Source: Utah, BRFSS 2002-2003

- In the Bear River Health District, individuals who were obese were two times more likely to report doctor-diagnosed arthritis (30.2%) than those who report a normal body weight (15.1%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Bear River Health District, 29.8% of persons with doctor-diagnosed arthritis reported they limited their activities because of their arthritis and 26.0% reported their arthritis affected their work.

Bear River		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	46,958	48.3%		
	35-49	23,663	24.3%		
	50-64	15,047	15.5%		
	65 or Over	11,594	11.9%		
	Total	97,262	100.0%		
Sex					
	Male	47,681	49.0%		
	Female	49,581	51.0%		
	Total	97,262	100.0%		
Ethnicity					
	Hispanic	6,105	6.3%	3.3%	9.2%
	Non-Hispanic	91,157	93.7%	90.8%	96.7%
	Total	97,262	100.0%		
Income					
	Less than \$20,000	19,995	20.6%	15.9%	25.2%
	\$20,000-\$49,999	45,185	46.5%	41.3%	51.6%
	\$50,000 or Over	32,083	33.0%	28.2%	37.7%
	Total	97,262	100.0%		
Education					
	Less Than High School	4,499	4.6%	2.3%	7.0%
	H.S. Grad or G.E.D.	29,609	30.4%	25.9%	35.0%
	Some Post High School	36,467	37.5%	32.6%	42.4%
	College Graduate	26,688	27.4%	23.3%	31.5%
	Total	97,262	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

# Resources

## STATE

ARTHRITIS FOUNDATION UTAH/IDAHO CHAPTER  
448 EAST 400 SOUTH, SUITE 103  
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CONTACT: RICHARD BULLOUGH

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[WWW.CDC.GOV.NCCDPHP/ARTHRITIS/INDEX.HTM](http://WWW.CDC.GOV.NCCDPHP/ARTHRITIS/INDEX.HTM)

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# Arthritis in Central Utah Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that slightly more than one in every four adults 13,438 (28.5%) in the Central Utah Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago but have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition one in every five adults (20.3%) reported possible arthritis in the Central Utah Health District. (Figure 1)

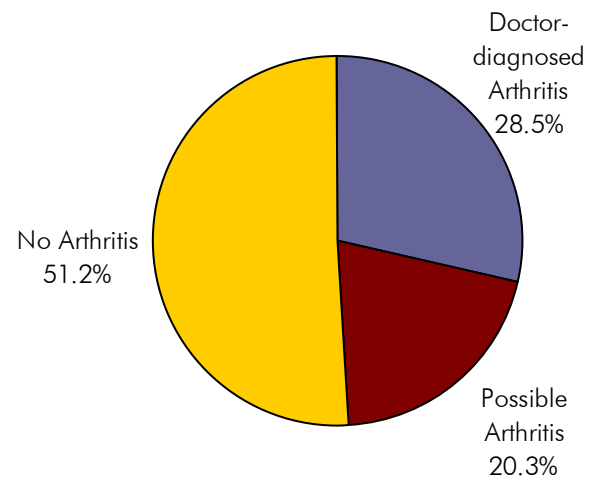
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Central Utah Health District (28.8%) was not statistically different than the state (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Central Utah Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

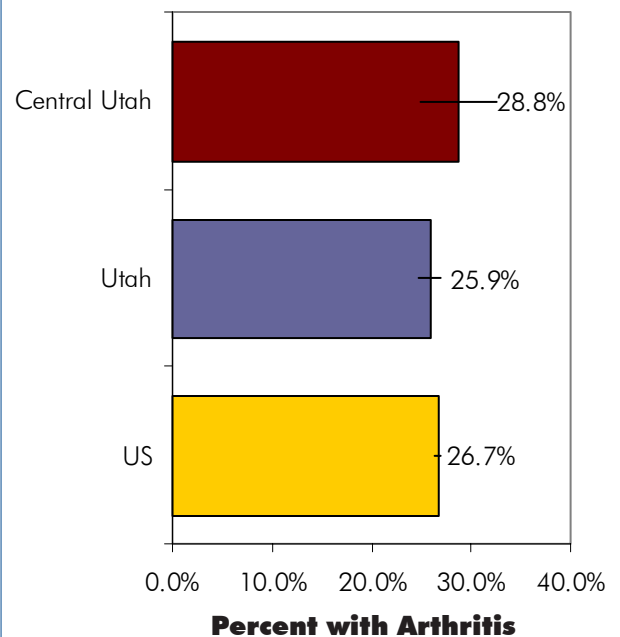
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

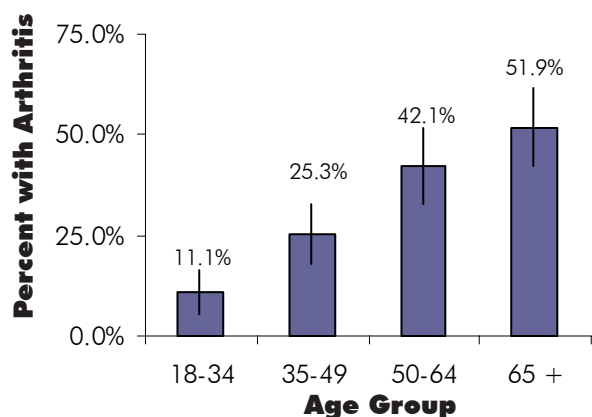
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

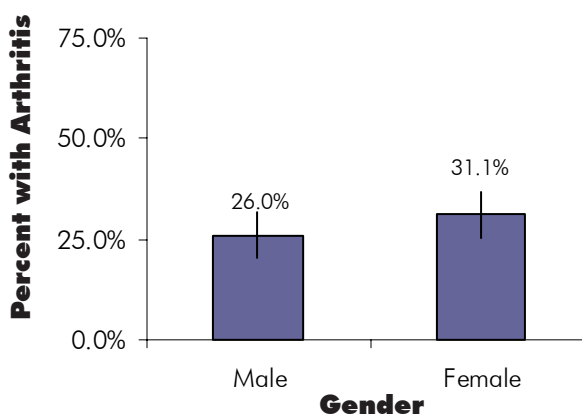


Source: Utah, BRFSS 2002-2003

- In the Central Utah Health District, doctor-diagnosed arthritis increases with age, rising from 11.1% among persons 18-34 to 51.9% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

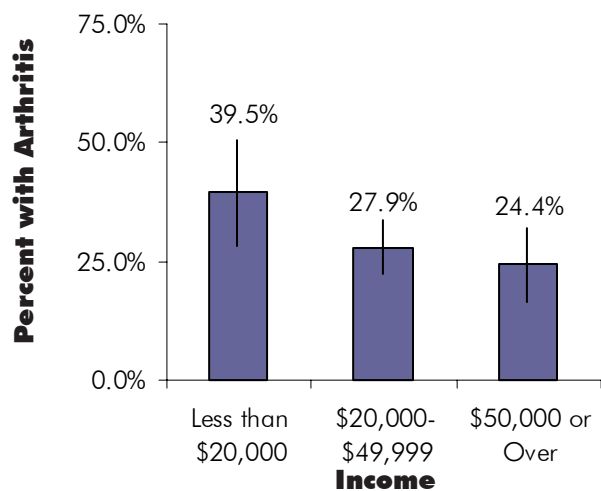


Source: Utah, BRFSS 2002-2003

- In the Central Utah Health District, slightly less than one-third (31.1%) of females reported doctor-diagnosed arthritis compared to 26.0% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

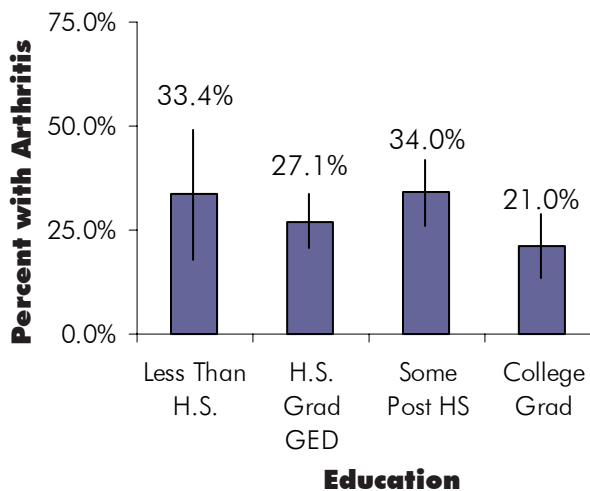


Source: Utah, BRFSS 2002-2003

- In the Central Utah Health District, the prevalence of doctor-diagnosed arthritis is 1.6 times greater among adults living in households with incomes less than \$20,000 (39.5%) when compared to adults living in households earning more than \$50,000 (24.4%).

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

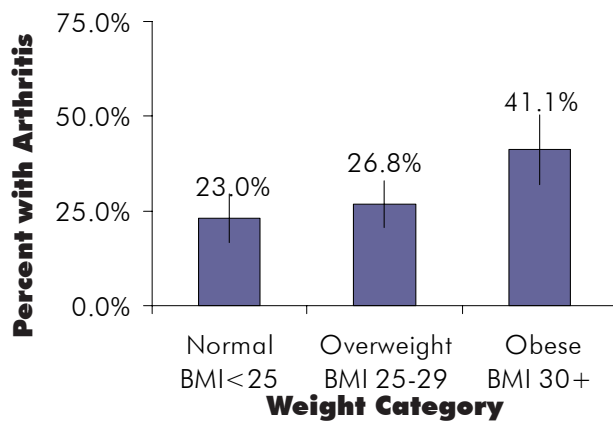


Source: Utah, BRFSS 2002-2003

- In the Central Utah Health District, almost two-thirds (60.5%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis, compared to 55.0% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

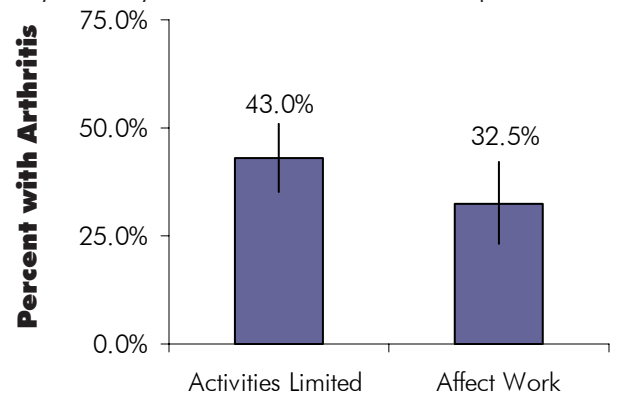


Source: Utah, BRFSS 2002-2003

- In the Central Utah Health District, individuals who were obese were almost two times more likely to report doctor-diagnosed arthritis (41.1%) than those who report a normal body weight (23.0%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Central Utah Health District, among individuals with doctor-diagnosed arthritis 43.0% reported they limited their activities because of their arthritis and 32.5% reported their arthritis affected their work.

Central Utah		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	17,021	36.5%		
	35-49	12,121	26.0%		
	50-64	9,403	20.2%		
	65 or Over	8,113	17.4%		
	Total	46,658	100.0%		
Sex					
	Male	23,351	50.0%		
	Female	23,307	50.0%		
	Total	46,658	100.0%		
Ethnicity					
	Hispanic	1,758	3.8%	1.9%	5.7%
	Non-Hispanic	44,900	96.2%	94.3%	98.1%
	Total	46,658	100.0%		
Income					
	Less than \$20,000	9,997	21.4%	17.0%	25.8%
	\$20,000-\$49,999	25,288	54.2%	49.1%	59.3%
	\$50,000 or Over	11,372	24.4%	20.3%	28.5%
	Total	46,658	100.0%		
Education					
	Less Than High School	3,534	7.6%	5.1%	10.1%
	H.S. Grad or G.E.D.	18,323	39.3%	34.4%	44.1%
	Some Post High School	15,165	32.5%	27.9%	37.1%
	College Graduate	9,636	20.7%	16.9%	24.4%
	Total	46,658	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

# Resources

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[HTTP://WWW.NIH.GOV/NIAMS/](http://WWW.NIH.GOV/NIAMS/)

# Arthritis in Davis County Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that one in every five adults 38,047 (22.6%) in the Davis County Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (18.5%) reported possible arthritis in the Davis County Health District. (Figure 1)

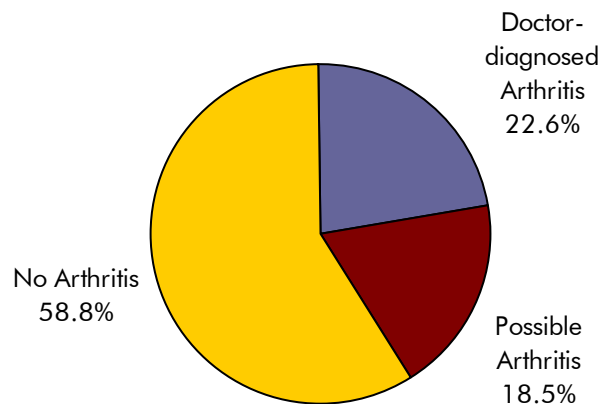
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Davis County Health District (25.3%) was not statistically different than the state (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Davis County Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

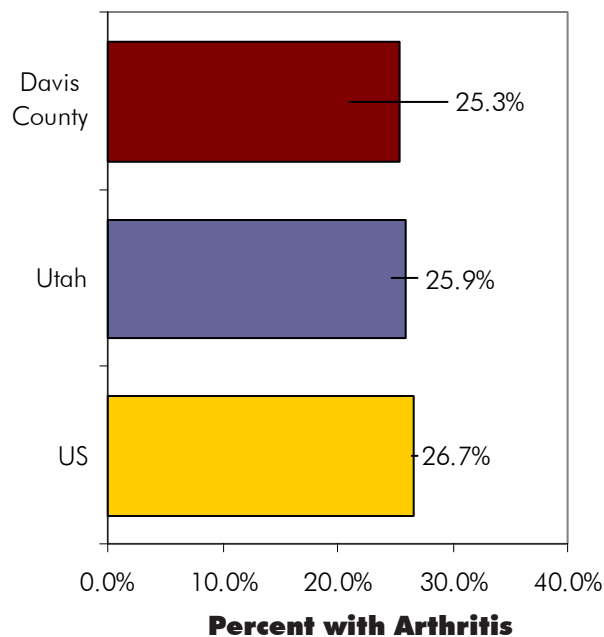
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

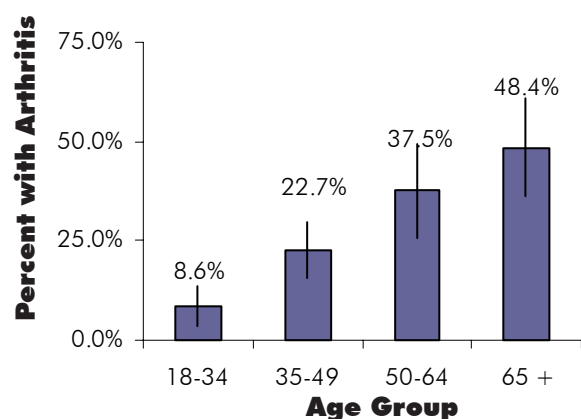
Age-adjust Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

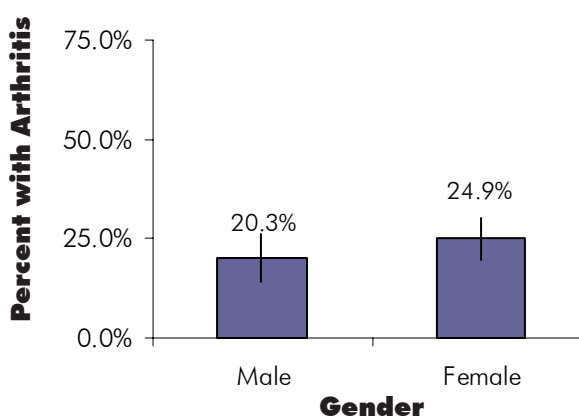


Source: Utah, BRFSS 2002-2003

- In the Davis County Health District, doctor-diagnosed arthritis increases with age, rising from 8.6% among persons 18-34 to 48.4% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

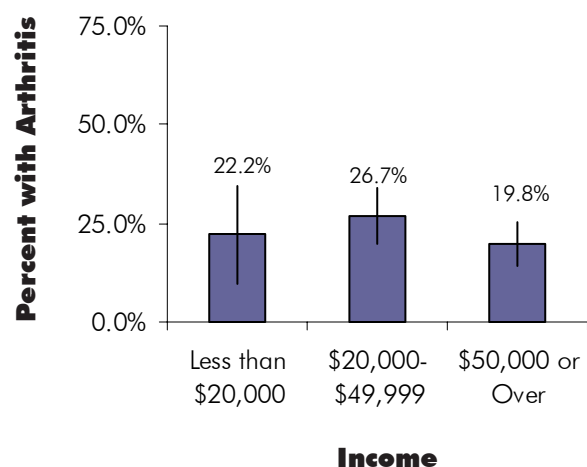


Source: Utah, BRFSS 2002-2003

- In the Davis County Health District, slightly less than one fourth (24.9%) of females reported doctor-diagnosed arthritis compared to 20.3% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

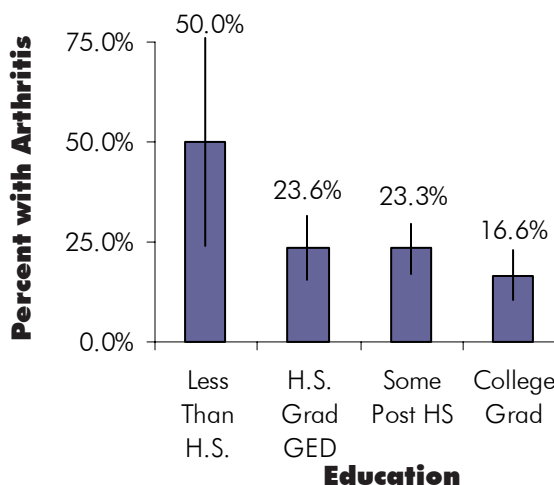


Source: Utah, BRFSS 2002-2003

- In the Davis County Health District, the prevalence of doctor-diagnosed arthritis is similar among all income categories, with the highest prevalence occurring among those households earning between \$20,000 and \$49,999.

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

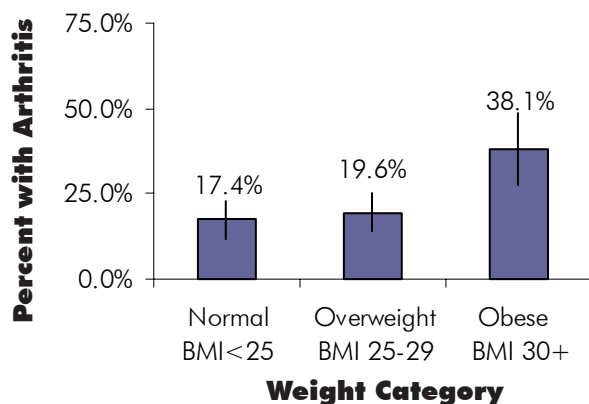


Source: Utah, BRFSS 2002-2003

- In the Davis County Health District, almost three-fourths (73.6%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis, compared to 39.9% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

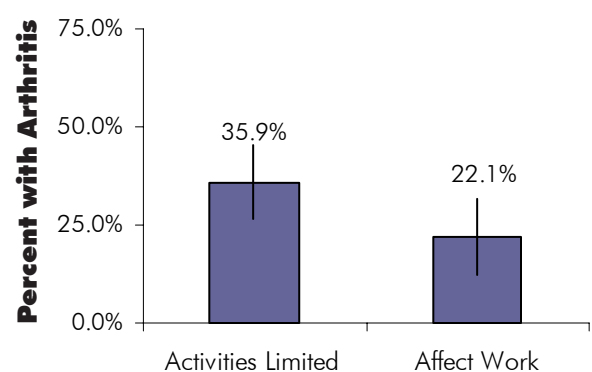


Source: Utah, BRFSS 2002-2003

- In the Davis County Health District, individuals who were obese were more than two times as likely to report doctor-diagnosed arthritis (38.1%) than those who report a normal body weight (17.4%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Davis County Health District, among individuals with doctor-diagnosed arthritis 35.9% reported they limited their activities because of their arthritis and 22.1% reported their arthritis affected their work.

Davis County		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	68,509	40.7%		
	35-49	50,169	29.8%		
	50-64	30,591	18.2%		
	65 or Over	19,080	11.3%		
	Total	168,349	100.0%		
Sex					
	Male	83,816	49.8%		
	Female	84,533	50.2%		
	Total	168,349	100.0%		
Ethnicity					
	Hispanic	9,962	5.9%	3.3%	8.5%
	Non-Hispanic	158,387	94.1%	91.5%	96.7%
	Total	168,349	100.0%		
Income					
	Less than \$20,000	14,466	8.6%	5.7%	11.4%
	\$20,000-\$49,999	66,157	39.3%	34.3%	44.3%
	\$50,000 or Over	87,726	52.1%	46.9%	57.3%
	Total	168,349	100.0%		
Education					
	Less Than High School	8,943	5.3%	2.7%	7.9%
	H.S. Grad or G.E.D.	46,288	27.5%	22.9%	32.1%
	Some Post High School	59,247	35.2%	30.6%	39.8%
	College Graduate	53,871	32.0%	27.4%	36.6%
	Total	168,349	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

# Resources

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# Arthritis in Salt Lake Valley

## Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that more than one in every five adults 10,124 (2.1.5%) in the Salt Lake Valley Health District reported doctor-diagnosed arthritis. (Figure 1) Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (17.0%) reported possible arthritis in the Salt Lake Valley Health District. (Figure 1)

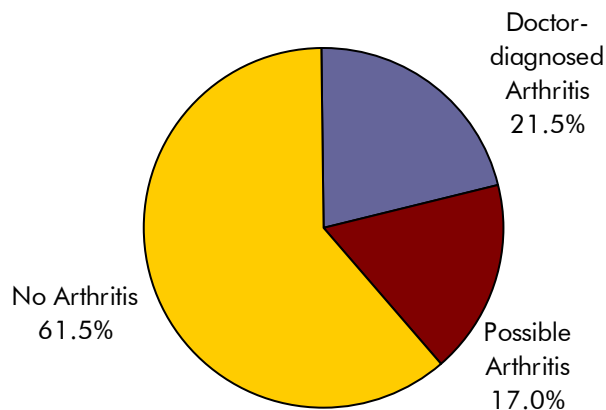
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Salt Lake Valley Health District (25.2%) was not statistically different than the state rate (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Salt Lake Valley Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

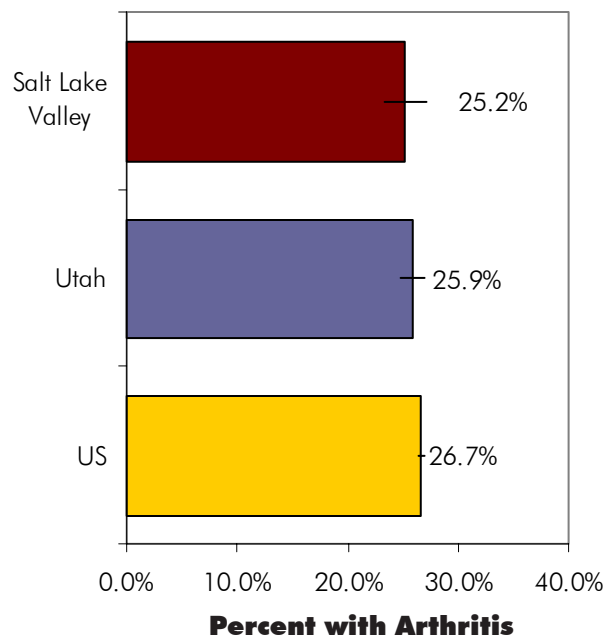
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

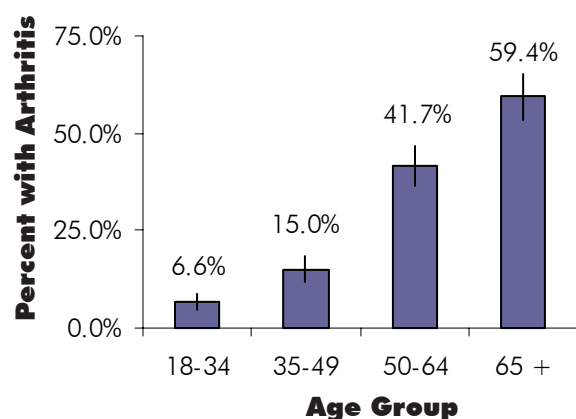
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

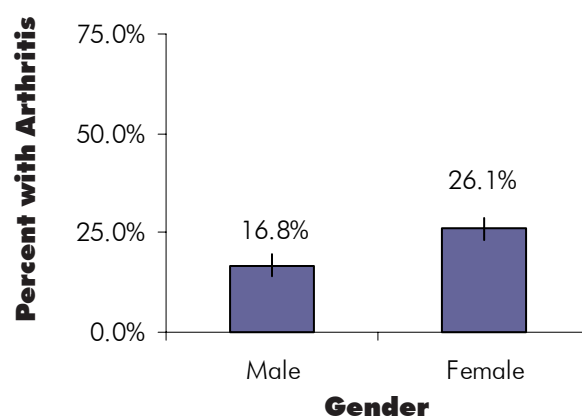


Source: Utah, BRFSS 2002-2003

- In the Salt Lake Valley Health District, doctor-diagnosed arthritis increases with age, rising from 6.6% among persons 18-34 to 59.4% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

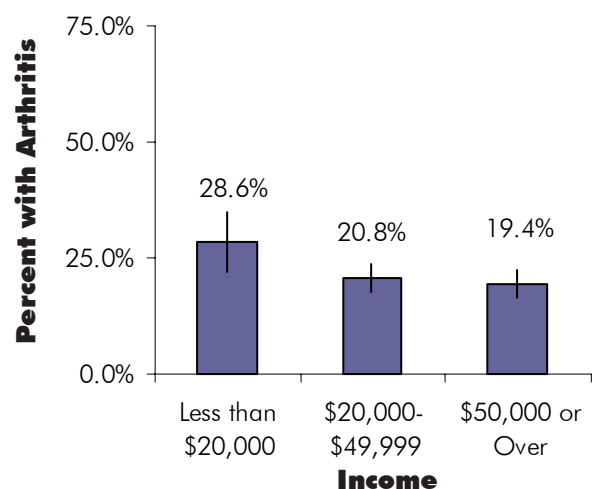


Source: Utah, BRFSS 2002-2003

- In the Salt Lake Valley Health District, slightly more than one-fourth (26.1%) of females reported doctor-diagnosed arthritis compared to 16.8% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

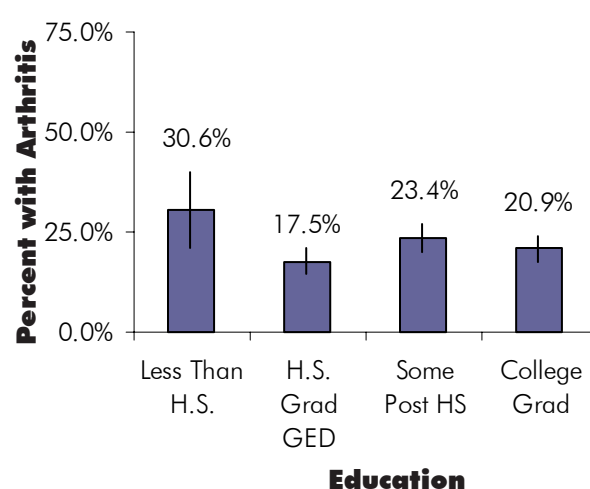


Source: Utah, BRFSS 2002-2003

- In the Salt Lake Valley Health District the prevalence of doctor-diagnosed arthritis is almost 1.5 times greater among adults living in households with incomes less than \$20,000 (28.6%) when compared to adults living in households earning more than \$50,000 (19.4%).

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

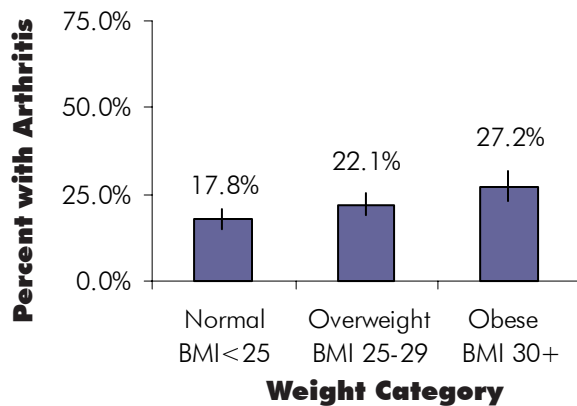


Source: Utah, BRFSS 2002-2003

- In the Salt Lake Valley Health District, slightly less than half (48.1%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis, compared to (44.3%) with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

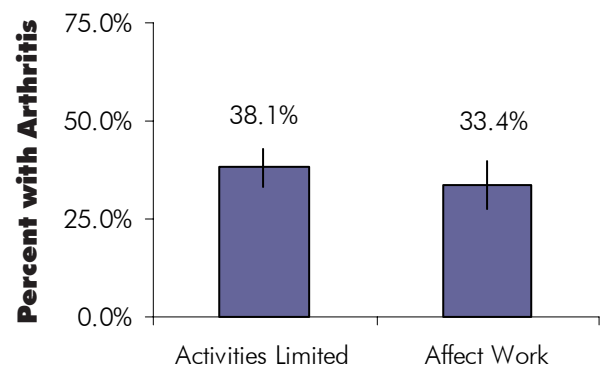


Source: Utah, BRFSS 2002-2003

- In the Salt Lake Valley Health District, individuals who were obese were 1.5 times more likely to report doctor-diagnosed arthritis (27.2%) than those who report a normal body weight (17.8%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Salt Lake Valley Health District, among individuals with doctor-diagnosed arthritis 38.1% reported they limited their activities because of their arthritis and 33.4% reported their arthritis affected their work.

Salt Lake Valley		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	265,712	40.8%		
	35-49	190,073	29.2%		
	50-64	121,034	18.6%		
	65 or Over	75,105	11.5%		
	Total	651,924	100.0%		
Sex					
	Male	326,235	50.0%		
	Female	325,689	50.0%		
	Total	651,924	100.0%		
Ethnicity					
	Hispanic	61,808	9.5%	7.8%	11.1%
	Non-Hispanic	590,116	90.5%	88.9%	92.2%
	Total	651,924	100.0%		
Income					
	Less than \$20,000	86,888	13.3%	11.4%	15.2%
	\$20,000-\$49,999	272,476	41.8%	39.3%	44.3%
	\$50,000 or Over	292,560	44.9%	42.3%	47.4%
	Total	651,924	100.0%		
Education					
	Less Than High School	49,615	7.6%	6.1%	9.1%
	H.S. Grad or G.E.D.	185,363	28.4%	26.2%	30.7%
	Some Post High School	213,284	32.7%	30.4%	35.0%
	College Graduate	203,662	31.2%	29.0%	33.4%
	Total	651,924	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

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# Arthritis in Southeastern Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that more than one in every four adults 10,124 (26.3%) in the Southeastern Health District reported doctor-diagnosed arthritis. (Figure 1) Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (19.4%) reported possible arthritis in the Southeastern Health District. (Figure 1)

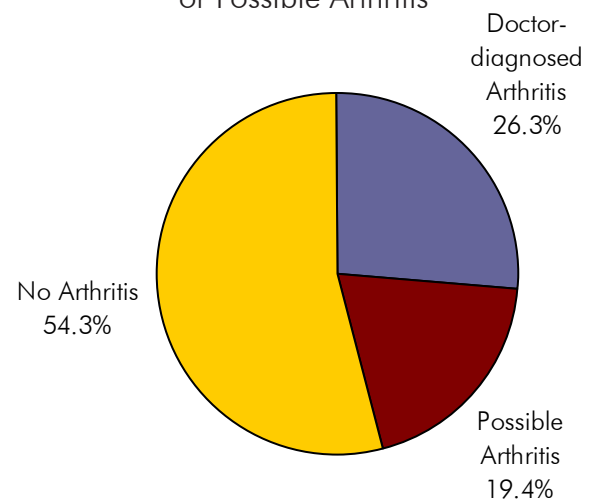
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Southeastern Health District (27.2%) was not statistically different than the state rate (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Southeastern Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

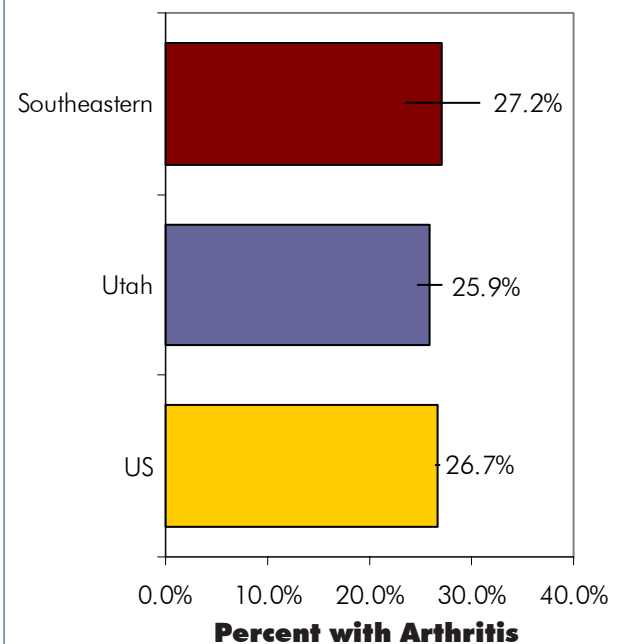
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

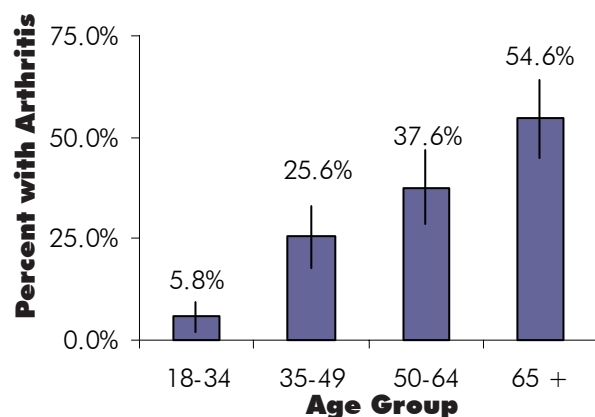
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

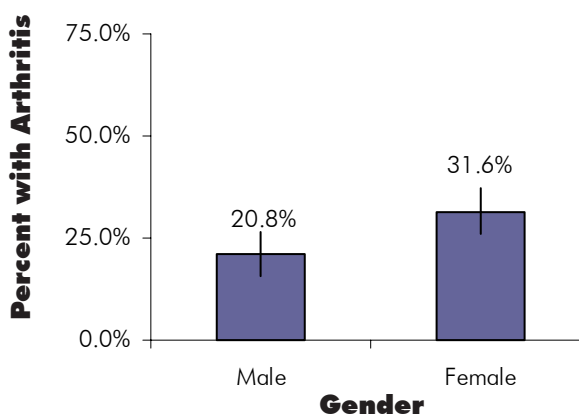


Source: Utah, BRFSS 2002-2003

- In the Southeastern Health District, doctor-diagnosed arthritis increases with age, rising from 5.8% among persons 18-34 to 54.6% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

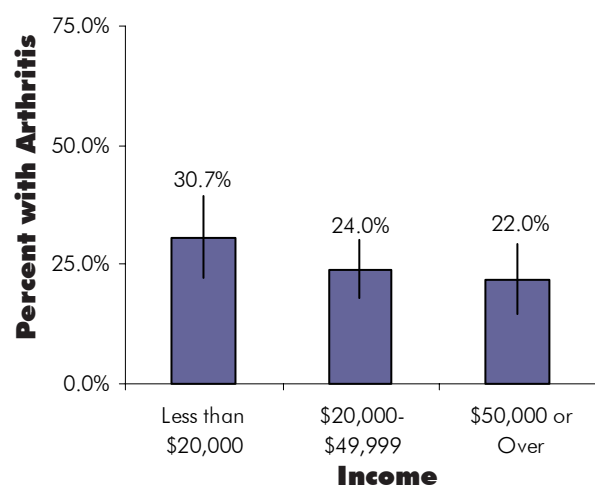


Source: Utah, BRFSS 2002-2003

- In the Southeastern District, almost one-third (31.6%) of females reported doctor-diagnosed arthritis compared to 20.8% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

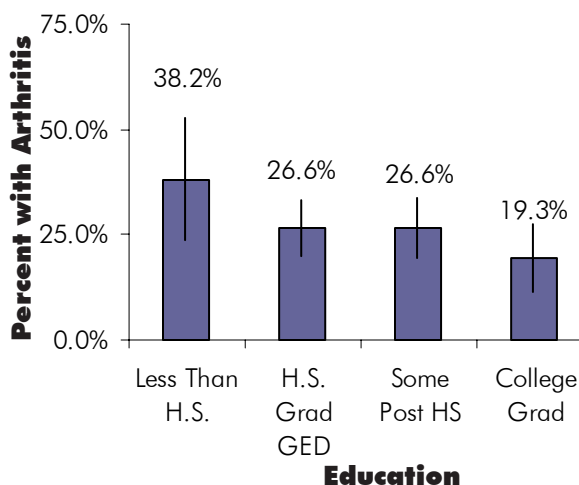


Source: Utah, BRFSS 2002-2003

- In the Southeastern Health District, the prevalence of doctor-diagnosed arthritis is 1.4 times greater among adults living in households with incomes less than \$20,000 (30.7%) when compared to adults living in households earning more than \$50,000 (22.0%).

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

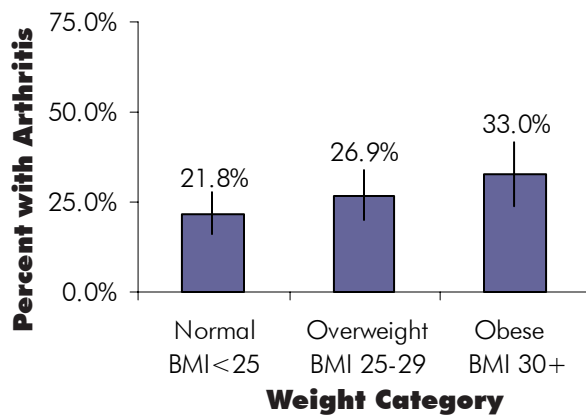


Source: Utah, BRFSS 2002-2003

- In the Southeastern Health District, almost two-thirds (64.8%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis compared to 45.9% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

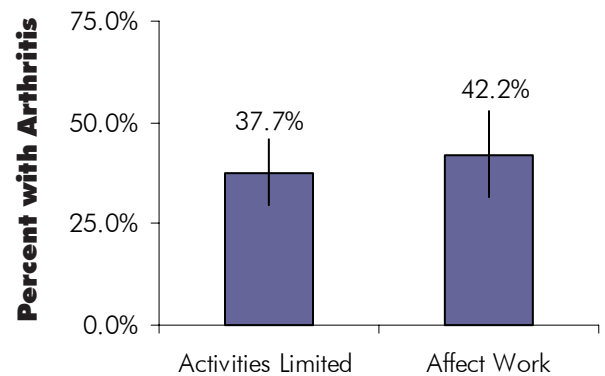


Source: Utah, BRFSS 2002-2003

- In the Southeastern Health District, individuals who were obese were almost 1.5 times more likely to report doctor-diagnosed arthritis (33.0%) than those who report a normal body weight (21.8%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Southeastern Health District, among individuals with doctor-diagnosed arthritis 37.7% reported they limited their activities because of their arthritis and 42.2% reported their arthritis affected their work.

Southeastern		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	12,518	33.6%		
	35-49	10,411	28.0%		
	50-64	8,168	21.9%		
	65 or Over	6,122	16.4%		
	Total	37,219	100.0%		
Sex					
	Male	18,104	48.6%		
	Female	19,115	51.4%		
	Total	37,219	100.0%		
Ethnicity					
	Hispanic	2,318	6.2%	3.1%	9.4%
	Non-Hispanic	34,901	93.8%	90.6%	96.9%
	Total	37,219	100.0%		
Income					
	Less than \$20,000	8,869	23.8%	19.6%	28.0%
	\$20,000-\$49,999	17,134	46.0%	41.1%	51.0%
	\$50,000 or Over	11,216	30.1%	25.6%	34.7%
	Total	37,219	100.0%		
Education					
	Less Than High School	3,884	10.4%	7.3%	13.5%
	H.S. Grad or G.E.D.	13,086	35.2%	30.5%	39.8%
	Some Post High School	12,411	33.3%	28.4%	38.3%
	College Graduate	7,838	21.1%	16.8%	25.4%
	Total	37,219	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
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# Arthritis in Southwest Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that one in every four adults 29,195 (27.3%) in the Southwest Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (18.4%) reported possible arthritis in the Southwest Health District. (Figure 1)

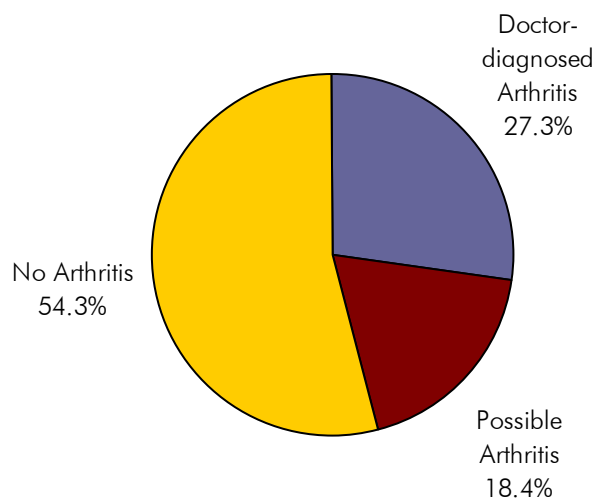
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Southwest Health District (25.9%) was not statistically different than the state rate (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Southwest Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

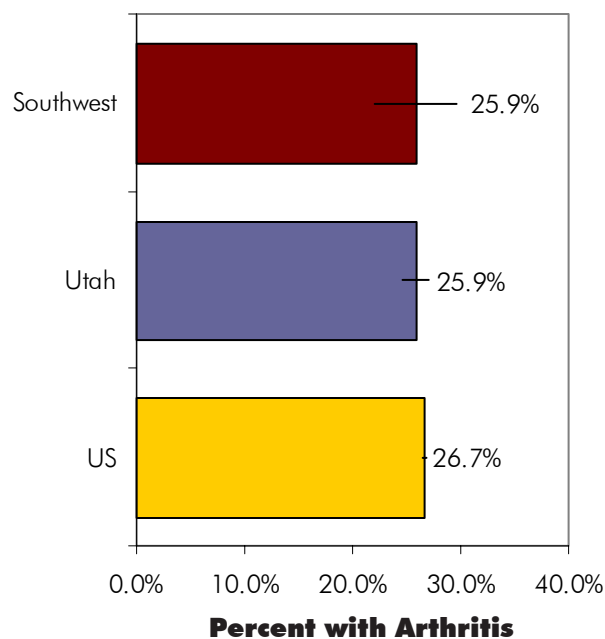
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

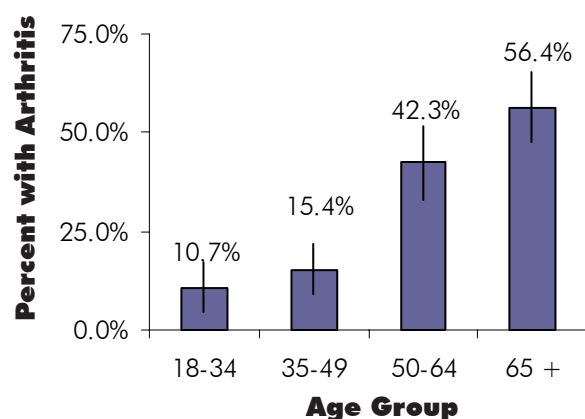
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

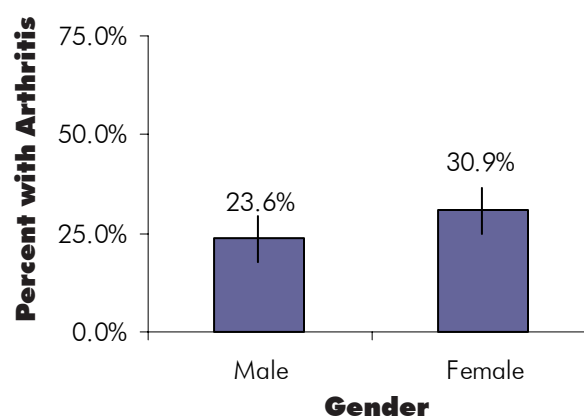


Source: Utah, BRFSS 2002-2003

- In the Southwest Health District, doctor-diagnosed arthritis increases with age, rising from 10.7% among persons 18-34 to 56.4% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

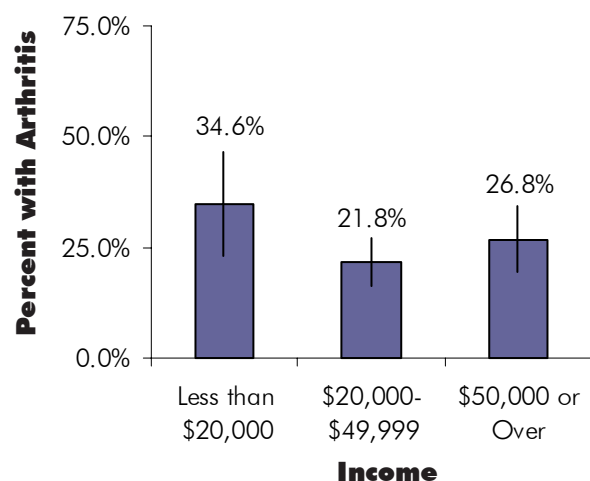


Source: Utah, BRFSS 2002-2003

- In the Southwest Health District, almost one-third (30.9%) of females reported doctor-diagnosed arthritis compared to 23.6% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

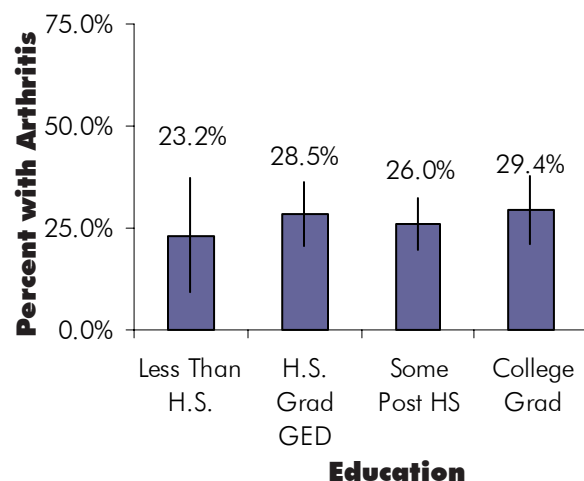


Source: Utah, BRFSS 2002-2003

- In the Southwest Health District, the prevalence of doctor-diagnosed arthritis is 1.3 times greater among adults living in households with incomes less than \$20,000 (34.6%) when compared to adults living in households earning more than \$50,000 (26.8%).

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

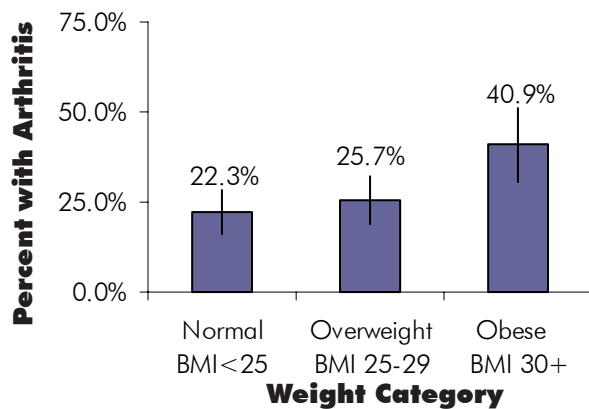


Source: Utah, BRFSS 2002-2003

- In the Southwest Health District, slightly over half (51.7%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis compared to 55.4% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

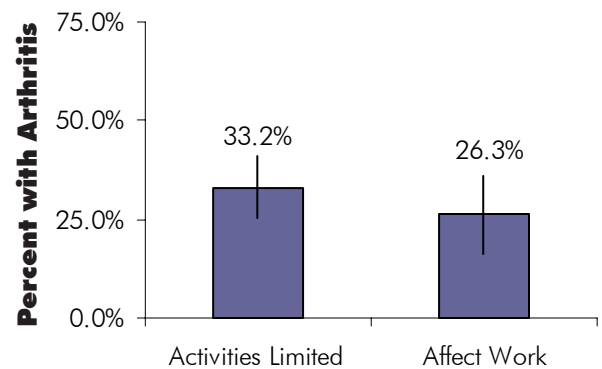


Source: Utah, BRFSS 2002-2003

- In the Southwest Health District, individuals who were obese were almost two times more likely to report doctor-diagnosed arthritis (40.9%) than those who report a normal body weight (22.3%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Southwest Health District, among individuals with doctor-diagnosed arthritis 33.2% reported they limited their activities because of their arthritis and 26.3% reported their arthritis affected their work.

Southwest		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	41,067	38.4%		
	35-49	24,878	23.3%		
	50-64	19,429	18.2%		
	65 or Over	21,568	20.2%		
	Total	106,942	100.0%		
Sex					
	Male	52,298	48.9%		
	Female	54,644	51.1%		
	Total	106,942	100.0%		
Ethnicity					
	Hispanic	6,190	5.8%	3.0%	8.6%
	Non-Hispanic	100,752	94.2%	91.4%	97.0%
	Total	106,942	100.0%		
Income					
	Less than \$20,000	18,270	17.1%	12.8%	21.3%
	\$20,000-\$49,999	55,671	52.1%	47.0%	57.1%
	\$50,000 or Over	33,001	30.9%	26.3%	35.4%
	Total	106,942	100.0%		
Education					
	Less Than High School	9,469	8.9%	6.0%	11.7%
	H.S. Grad or G.E.D.	33,390	31.2%	26.7%	35.8%
	Some Post High School	38,026	35.6%	30.9%	40.2%
	College Graduate	26,056	24.4%	20.3%	28.5%
	Total	106,942	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

# Resources

## STATE

ARTHRITIS FOUNDATION UTAH/IDAHO CHAPTER  
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CONTACT: RICHARD BULLOUGH

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[WWW.CDC.GOV.NCCDPHP/ARTHRITIS/INDEX.HTM](http://WWW.CDC.GOV.NCCDPHP/ARTHRITIS/INDEX.HTM)

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# Arthritis in Summit County Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that one in every five adults 5,049 (21.2%) in the Summit County Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor or health care professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (17.6%) reported possible arthritis in the Summit County Health District. (Figure 1)

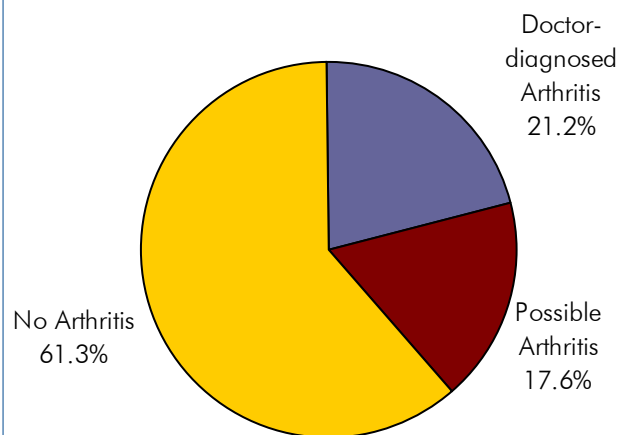
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Summit County Health District (23.7%) was not statistically different than the state rate (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Summit County Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

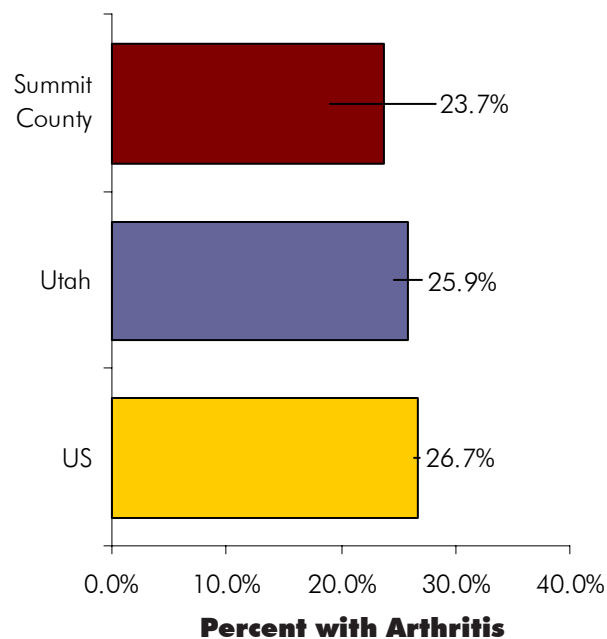
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

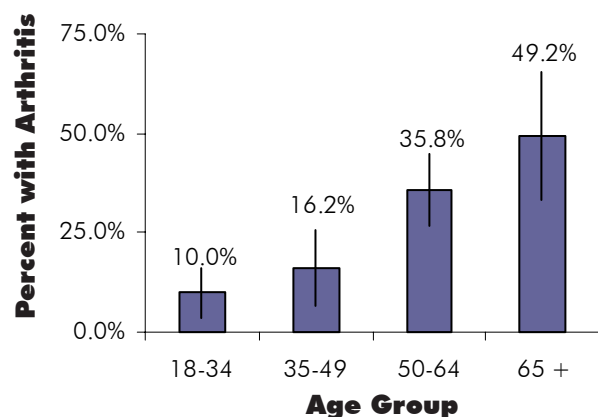
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

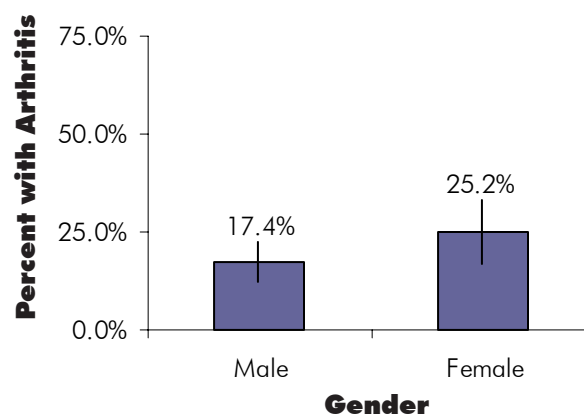


Source: Utah, BRFSS 2002-2003

- In the Summit County Health District, doctor-diagnosed arthritis increases with age, rising from 10.0% among persons 18-34 to 49.2% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

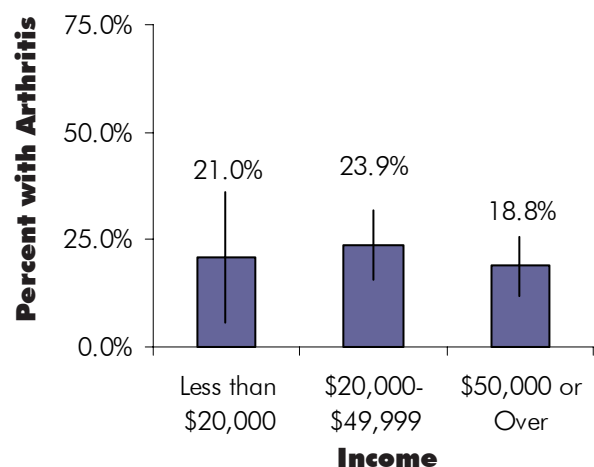


Source: Utah, BRFSS 2002-2003

- In the Summit County Health District, slightly more than one-fourth (25.2%) of females reported doctor-diagnosed arthritis compared to 17.4% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

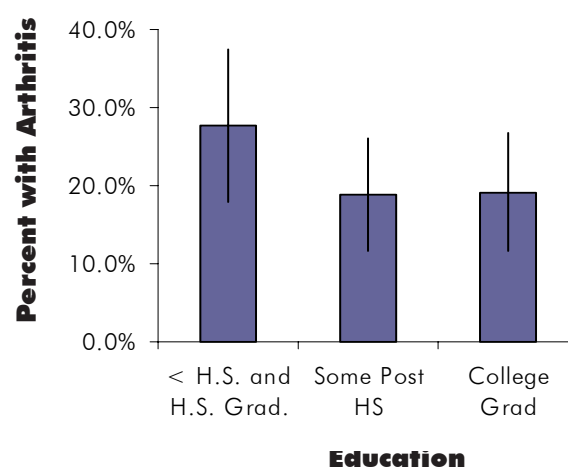


Source: Utah, BRFSS 2002-2003

- Among adults in the Summit County Health District the prevalence of doctor-diagnosed arthritis is similar across all income levels.

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

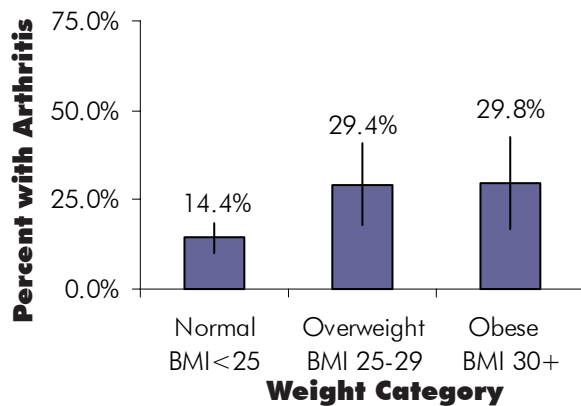


Source: Utah, BRFSS 2002-2003

- In the Summit County Health District, almost four in every ten individuals (40.4%) with a high school degree or less reported doctor-diagnosed arthritis compared to 37.9% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

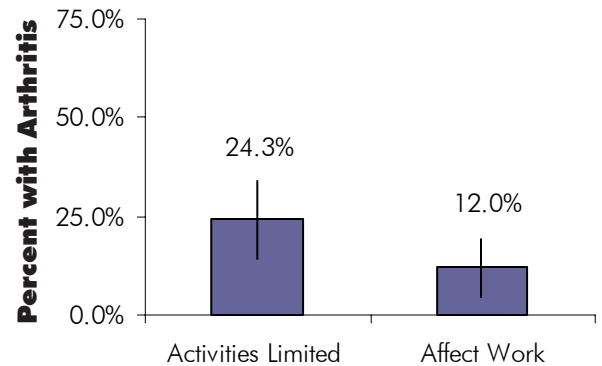


Source: Utah, BRFSS 2002-2003

- In the Summit County Health District, individuals who were obese were two times more likely to report doctor-diagnosed arthritis (29.8%) than those who report a normal body weight (14.4%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Summit County Health District, among individuals with doctor-diagnosed arthritis 24.3% reported they limited their activities because of their arthritis and 12.0% reported their arthritis affected their work.

Summit County		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	7,815	32.8%		
	35-49	8,753	36.8%		
	50-64	5,417	22.7%		
	65 or Over	1,831	7.7%		
	Total	23,816	100.0%		
Sex					
	Male	12,369	51.9%		
	Female	11,447	48.1%		
	Total	23,816	100.0%		
Ethnicity					
	Hispanic	1,379	5.8%	2.8%	8.8%
	Non-Hispanic	22,437	94.2%	91.2%	97.2%
	Total	23,816	100.0%		
Income					
	Less than \$20,000	1,382	5.8%	3.1%	8.5%
	\$20,000-\$49,999	8,054	33.8%	28.6%	39.0%
	\$50,000 or Over	14,380	60.4%	55.0%	65.8%
	Total	23,816	100.0%		
Education					
	Less Than High School	850	3.6%	1.0%	6.2%
	H.S. Grad or G.E.D.	5,081	21.3%	17.0%	25.6%
	Some Post High School	5,539	23.3%	19.0%	27.5%
	College Graduate	12,346	51.8%	46.5%	57.2%
	Total	23,816	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

# Resources

## STATE

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# Arthritis in Tooele County Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that one in every five adults 7,032 (22.6%) in the Tooele County Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (17.3%) reported possible arthritis in the Tooele County Health District . (Figure 1)

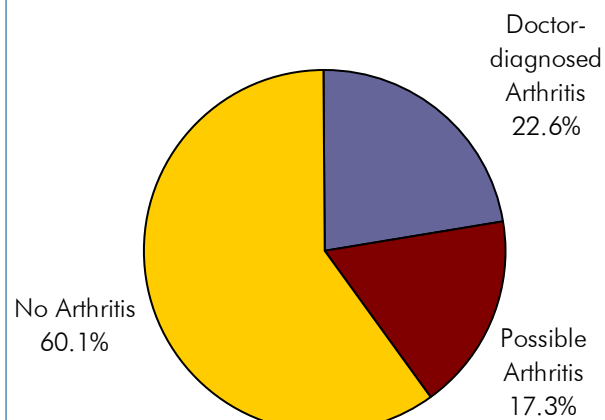
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Tooele County Health District (26.1%) was not statistically different than the state rate (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Tooele County Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

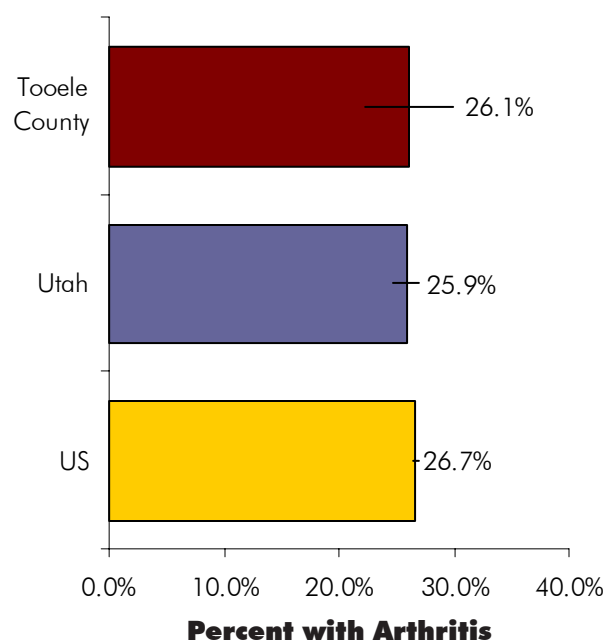
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

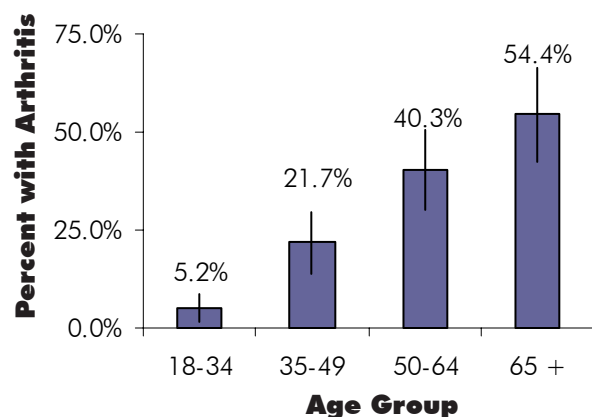
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

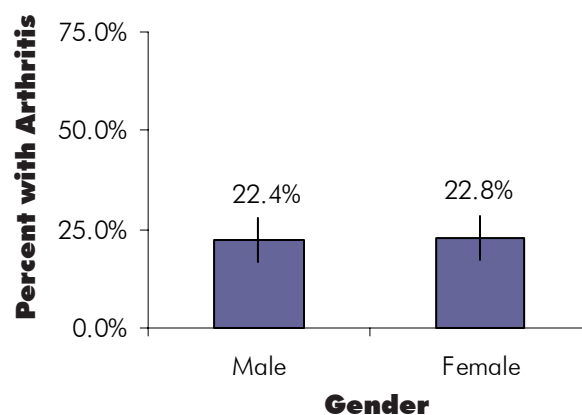


Source: Utah, BRFSS 2002-2003

- In the Tooele County Health District, doctor-diagnosed arthritis increases with age, rising from 5.2% among persons 18-34 to 54.4% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

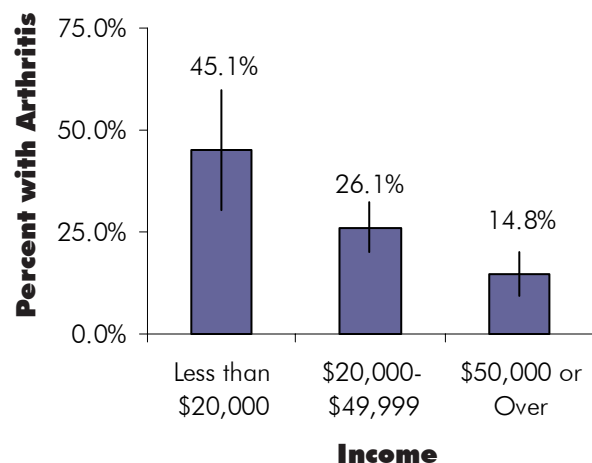


Source: Utah, BRFSS 2002-2003

- In the Tooele County Health District, slightly more than one-fifth (22.8%) of females reported doctor-diagnosed arthritis compared to 22.4% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

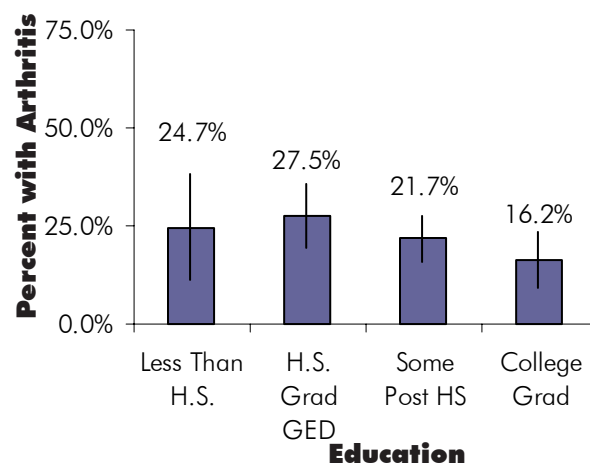


Source: Utah, BRFSS 2002-2003

- In the Tooele County Health District, the prevalence of doctor-diagnosed arthritis is more than three times greater among adults living in households with incomes less than \$20,000 (45.1%) when compared to adults living in households earning more than \$50,000 (14.8%).

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

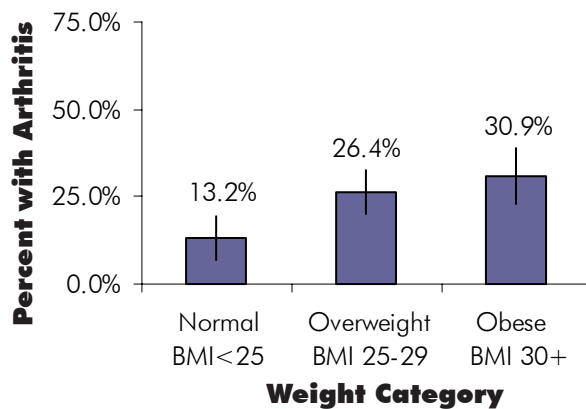


Source: Utah, BRFSS 2002-2003

- In the Tooele County Health District, slightly over half (52.2%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis compared to 37.9% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

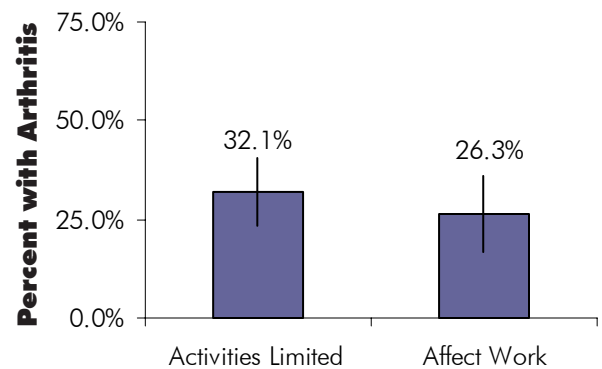


Source: Utah, BRFSS 2002-2003

- In the Tooele County Health District, individuals who were obese were two times more likely to report doctor-diagnosed arthritis (30.9%) than those who report a normal body weight (13.2%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Tooele County Health District, among individuals with doctor-diagnosed arthritis 32.1% reported they limited their activities because of their arthritis and 26.3% reported their arthritis affected their work.

Tooele County		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	12,984	41.7%		
	35-49	9,251	29.7%		
	50-64	5,480	17.6%		
	65 or Over	3,398	10.9%		
	Total	31,113	100.0%		
Sex					
	Male	15,181	48.8%		
	Female	15,932	51.2%		
	Total	31,113	100.0%		
Ethnicity					
	Hispanic	2,697	8.7%	5.7%	11.7%
	Non-Hispanic	28,416	91.3%	88.3%	94.3%
	Total	31,113	100.0%		
Income					
	Less than \$20,000	3,168	10.2%	7.2%	13.2%
	\$20,000-\$49,999	16,470	52.9%	47.9%	58.0%
	\$50,000 or Over	11,475	36.9%	32.0%	41.7%
	Total	31,113	100.0%		
Education					
	Less Than High School	2,339	7.5%	5.0%	10.1%
	H.S. Grad or G.E.D.	9,993	32.1%	27.5%	36.7%
	Some Post High School	12,042	38.7%	33.9%	43.5%
	College Graduate	6,739	21.7%	17.7%	25.7%
	Total	31,113	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

# Resources

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# Arthritis in TriCounty Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that slightly more than one in every four adults 7,860 (27.7%) in the TriCounty Health District reported doctor-diagnosed arthritis. (Figure 1) Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition one in every five adults (20.7%) reported possible arthritis in the TriCounty Health District. (Figure 1)

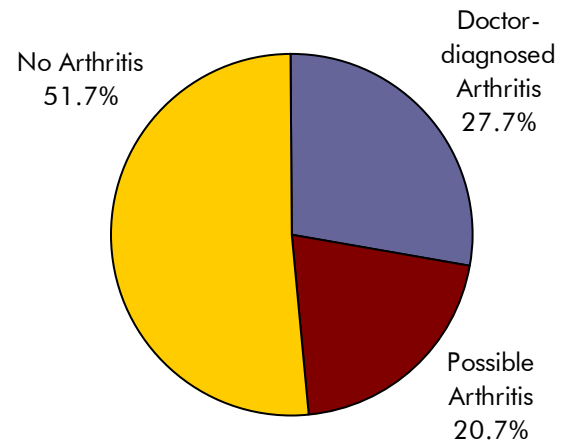
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the TriCounty Health District (29.0%) was not statistically different than the state (25.9%), or the US rate.(26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the TriCounty Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

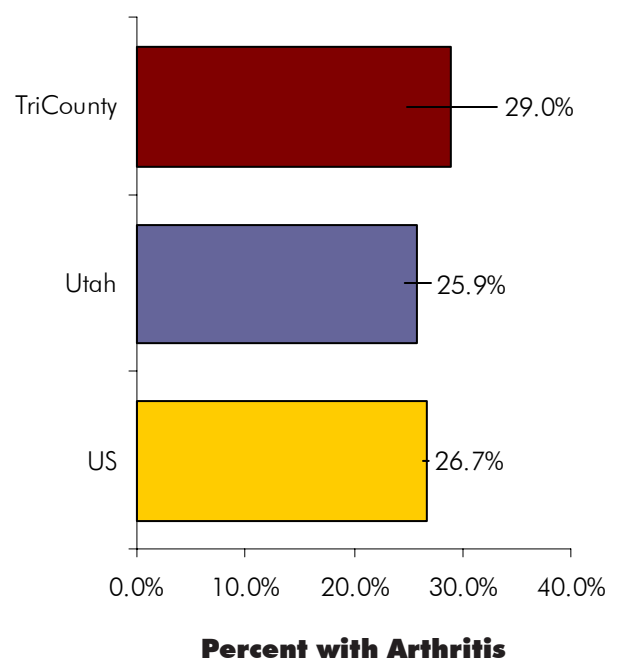
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

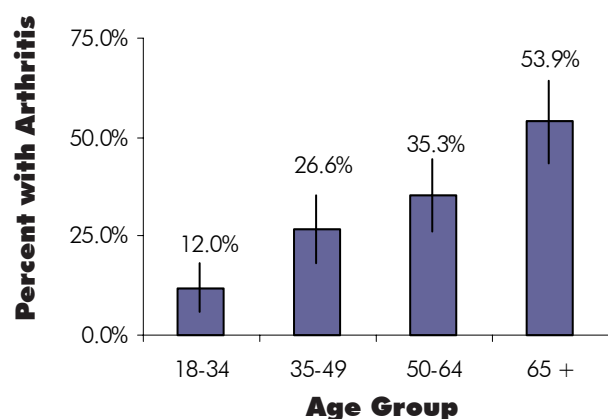
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

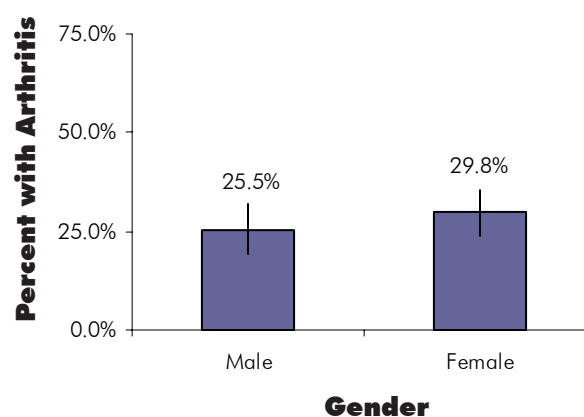


Source: Utah, BRFSS 2002-2003

- In the TriCounty Health District, doctor-diagnosed arthritis increases with age, rising from 12.0% among persons 18-34 to 53.9% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

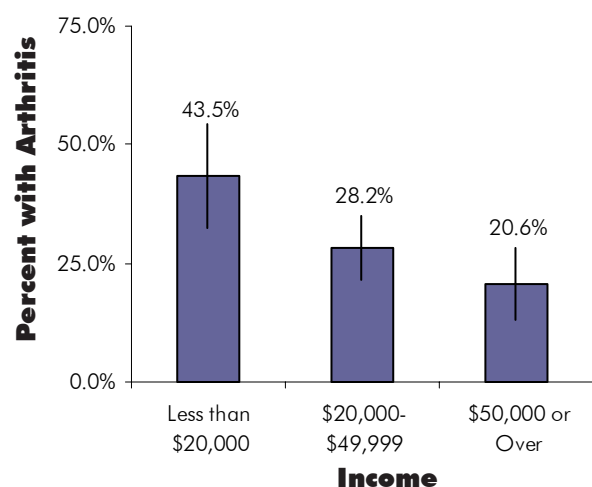


Source: Utah, BRFSS 2002-2003

- In the TriCounty Health District, slightly more than one-fourth (29.8%) of females reported doctor-diagnosed arthritis compared to 25.5% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

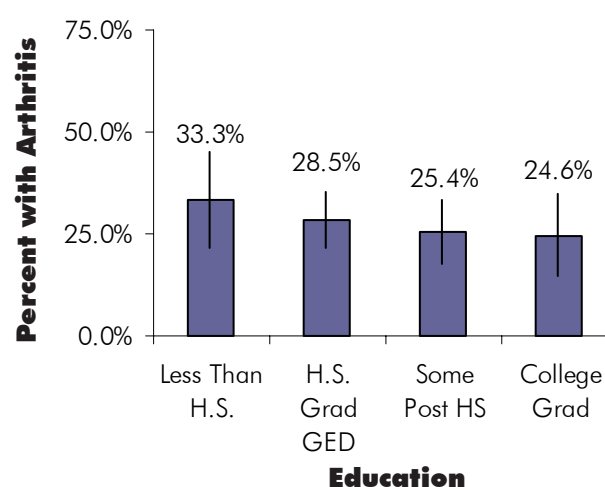


Source: Utah, BRFSS 2002-2003

- In the TriCounty Health District, the prevalence of doctor-diagnosed arthritis is two times greater among adults living in households earning less than \$20,000 (43.5%) when compared to adults living in households with incomes greater than \$50,000 (20.6%)

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

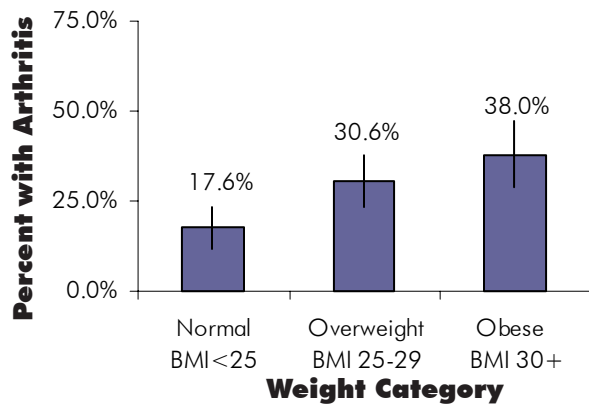


Source: Utah, BRFSS 2002-2003

- In the TriCounty Health District, almost two-thirds (61.8%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis compared to 50.0% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

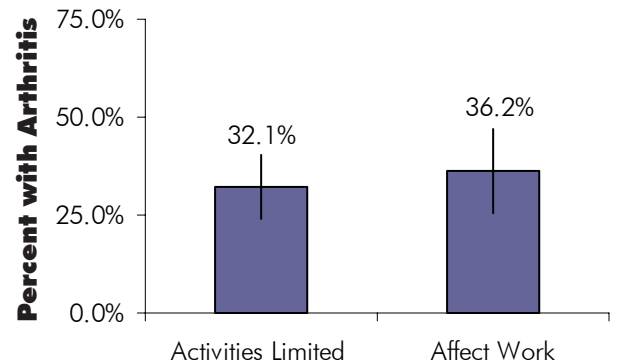


Source: Utah, BRFSS 2002-2003

- In the TriCounty Health District, individuals who were obese were two times more likely to report doctor-diagnosed arthritis (38.0%) than those who report a normal body weight (17.6%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the TriCounty Health District, among individuals with doctor-diagnosed arthritis 32.1% reported they limited their activities because of their arthritis and 36.2% reported their arthritis affected their work.

TriCounty		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	9,930	35.0%		
	35-49	8,212	28.9%		
	50-64	5,931	20.9%		
	65 or Over	4,302	15.2%		
	Total	28,375	100.0%		
Sex					
	Male	14,067	49.6%		
	Female	14,308	50.4%		
	Total	28,375	100.0%		
Ethnicity					
	Hispanic	1,577	5.6%	1.7%	9.4%
	Non-Hispanic	26,798	94.4%	90.6%	98.3%
	Total	28,375	100.0%		
Income					
	Less than \$20,000	4,968	17.5%	13.9%	21.1%
	\$20,000-\$49,999	14,879	52.4%	47.2%	57.6%
	\$50,000 or Over	8,528	30.1%	25.4%	34.7%
	Total	28,375	100.0%		
Education					
	Less Than High School	3,976	14.0%	10.8%	17.3%
	H.S. Grad or G.E.D.	11,749	41.4%	36.6%	46.2%
	Some Post High School	8,970	31.6%	26.7%	36.5%
	College Graduate	3,679	13.0%	10.0%	15.9%
	Total	28,375	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys .				

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# Arthritis in Utah County

## Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that almost one in every five adults 45,970 (17.5%) in the Utah County Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (16.0%) reported possible arthritis in the Utah County Health District. (Figure 1)

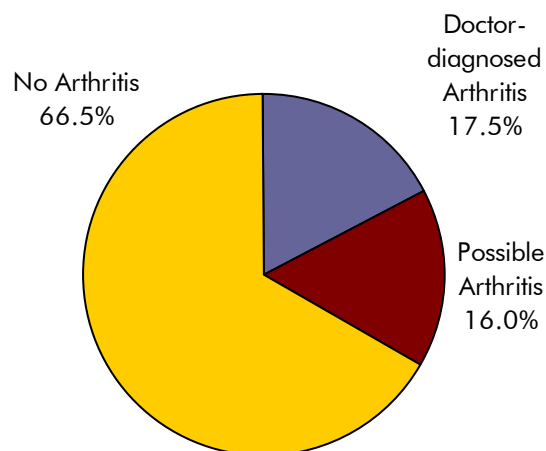
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Utah County Health District (24.6%) was not statistically different than the state rate (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Utah County Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

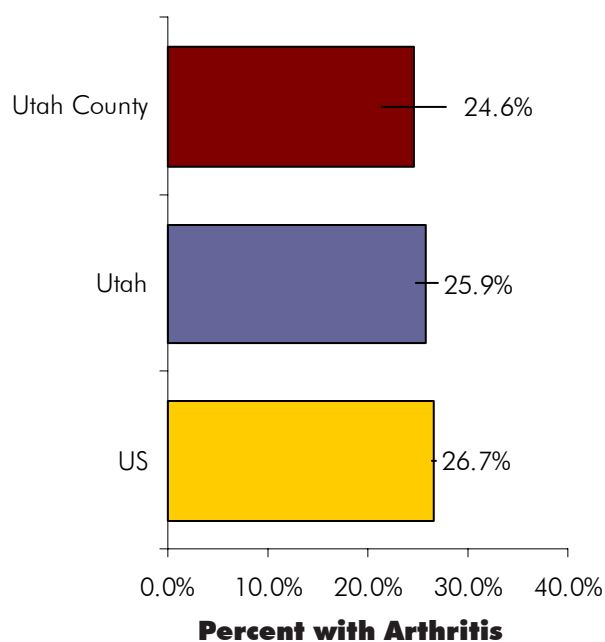
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

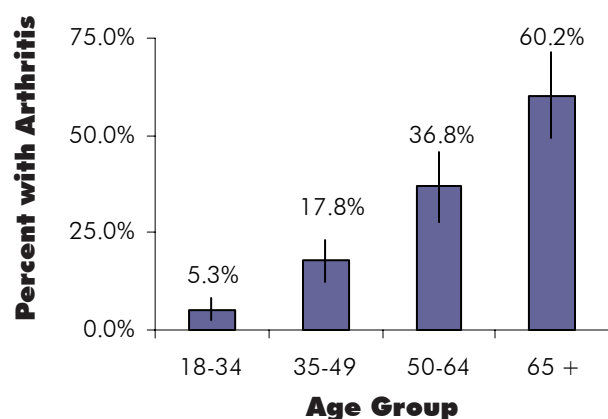
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

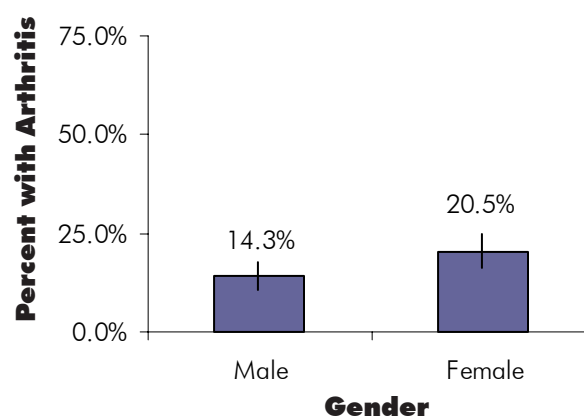


Source: Utah, BRFSS 2002-2003

- In the Utah County Health District, doctor-diagnosed arthritis increases with age, rising from 5.3% among persons 18-34 to 60.2% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

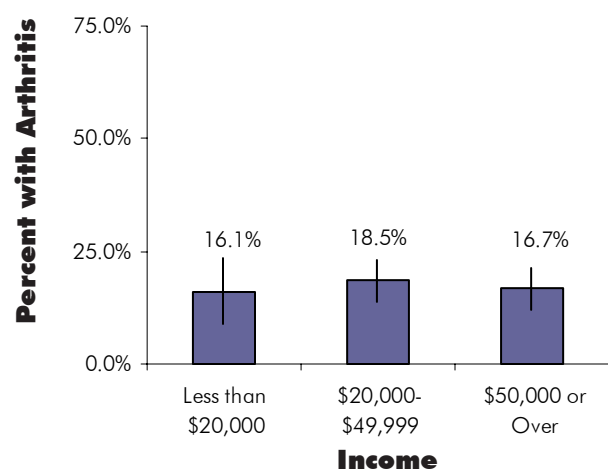


Source: Utah, BRFSS 2002-2003

- In the Utah County Health District, slightly more than one-fifth (20.5%) of females reported doctor-diagnosed arthritis compared to 14.3% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

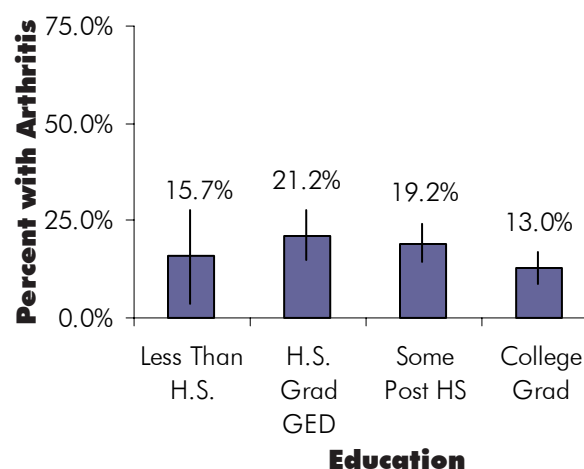


Source: Utah, BRFSS 2002-2003

- Among adults in the Utah County Health District, the prevalence of doctor-diagnosed arthritis is similar across all income levels.

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

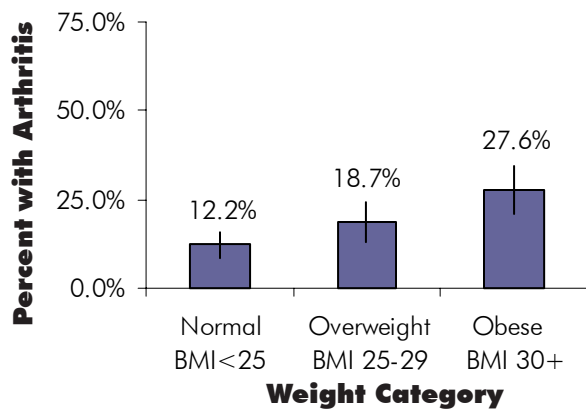


Source: Utah, BRFSS 2002-2003

- In the Utah County Health District, slightly more than one-third (36.9%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis compared to 32.2% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

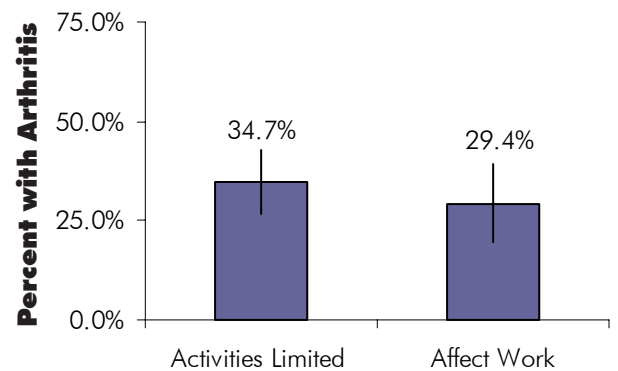


Source: Utah, BRFSS 2002-2003

- In the Utah County Health District, individuals who were obese were two times more likely to report doctor-diagnosed arthritis (27.6%) than those who report a normal body weight (12.2%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Utah County Health District, among individuals with doctor-diagnosed arthritis 34.7% reported they limited their activities because of their arthritis and 29.4% reported their arthritis affected their work.

Utah County		Number in Each Category	Percentage of Population	95% Confidence Limit	
Age				Lower	Upper
	18-34	142,034	54.1%		
	35-49	60,454	23.0%		
	50-64	35,586	13.5%		
	65 or Over	24,610	9.4%		
	Total	262,684	100.0%		
Sex					
	Male	128,211	48.8%		
	Female	134,473	51.2%		
	Total	262,684	100.0%		
Ethnicity					
	Hispanic	20,773	7.9%	4.1%	11.7%
	Non-Hispanic	241,911	92.1%	88.3%	95.9%
	Total	262,684	100.0%		
Income					
	Less than \$20,000	45,123	17.2%	13.3%	21.1%
	\$20,000-\$49,999	123,491	47.0%	41.9%	52.1%
	\$50,000 or Over	94,070	35.8%	31.2%	40.4%
	Total	262,684	100.0%		
Education					
	Less Than High School	20,233	7.7%	3.9%	11.5%
	H.S. Grad or G.E.D.	55,365	21.1%	17.2%	25.0%
	Some Post High School	107,238	40.8%	36.4%	45.2%
	College Graduate	79,849	30.4%	26.5%	34.3%
	Total	262,684	100.0%		
	Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
	Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

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# Arthritis in Wasatch County Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that one in every four adults 2,939 (25.1%) in the Wasatch County Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (16.0%) reported possible arthritis in the Wasatch County Health District. (Figure 1)

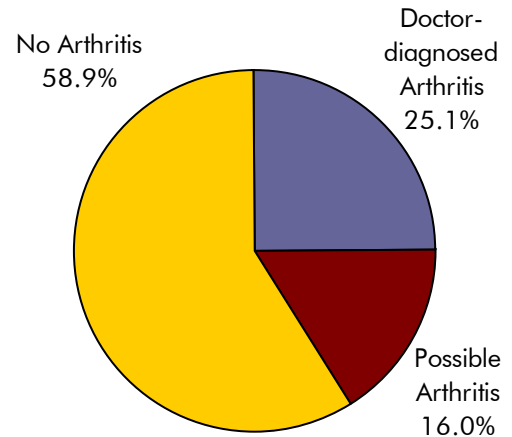
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Wasatch County Health District (27.3%) was not statistically different than the state (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Wasatch County Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

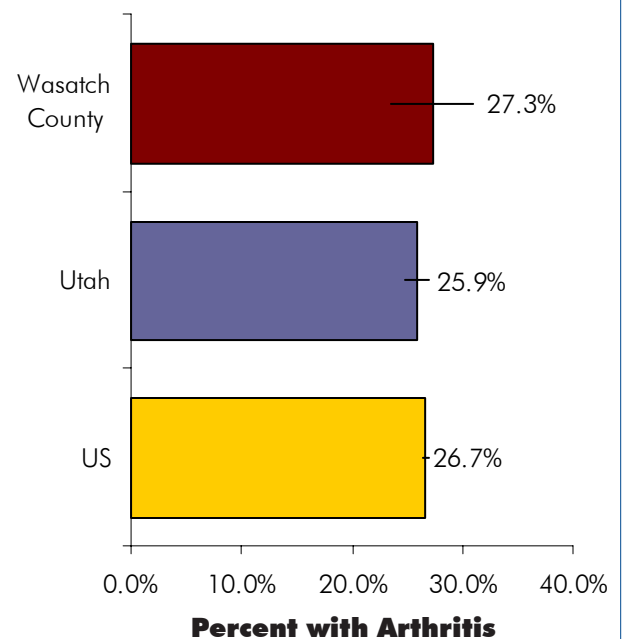
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

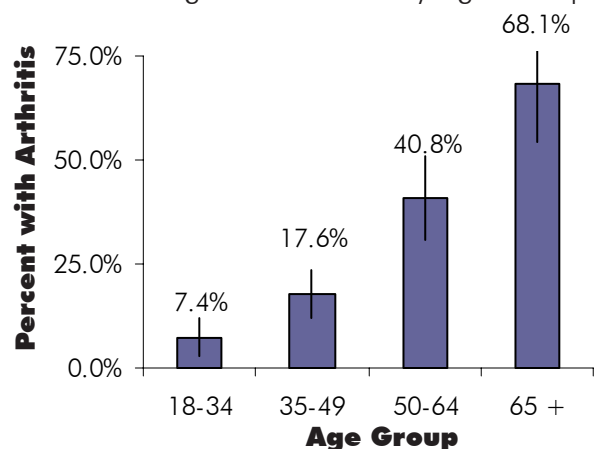
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

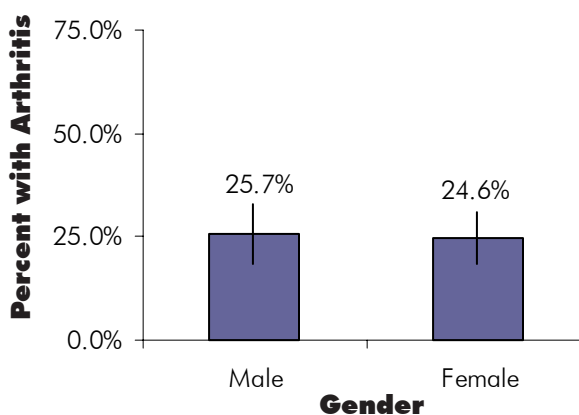


Source: Utah, BRFSS 2002-2003

- In the Wasatch County Health District, doctor-diagnosed arthritis increases with age, rising from 7.4% among persons 18-34 to 68.1% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

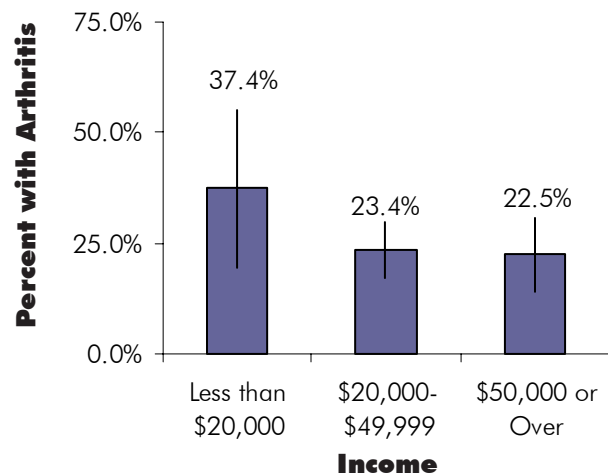


Source: Utah, BRFSS 2002-2003

- In the Wasatch County Health District, slightly less than one-fourth (24.6%) of females reported doctor-diagnosed arthritis compared to 25.7% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

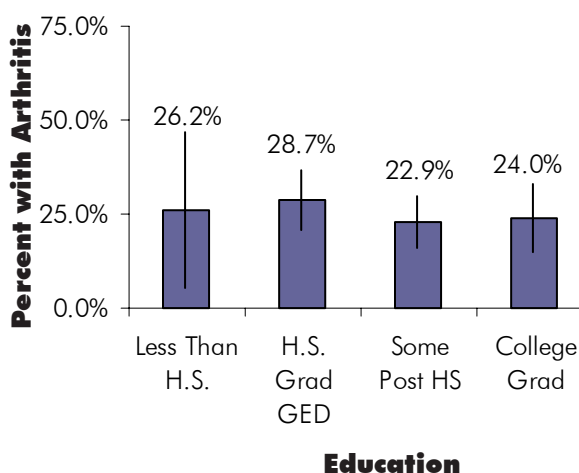


Source: Utah, BRFSS 2002-2003

- In the Wasatch County Health District, among adults the prevalence of doctor-diagnosed arthritis is almost 1.7 times greater among adults living in households with incomes less than \$20,000 (37.4%) when compared to adults living in households earning more than \$50,000 (22.5%).

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

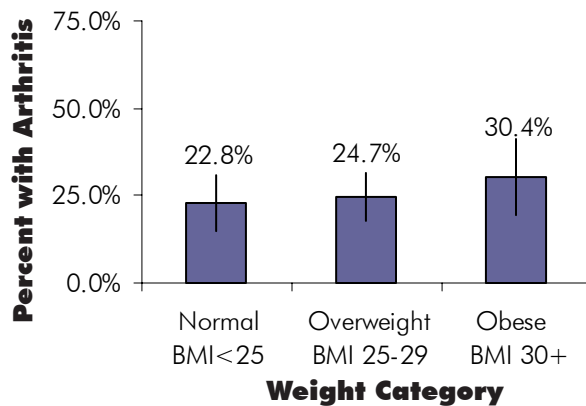


Source: Utah, BRFSS 2002-2003

- In the Wasatch County Health District, slightly over half (54.9%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis compared to 46.9% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

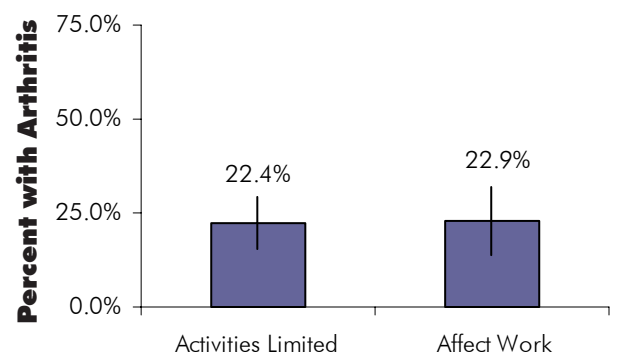


Source: Utah, BRFSS 2002-2003

- In the Wasatch County Health District, individuals who were obese were 1.3 times more likely to report doctor-diagnosed arthritis (30.4%) than those who report a normal body weight (22.8%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Wasatch County Health District, among individuals with doctor-diagnosed arthritis 22.4% reported they limited their activities because of their arthritis and 22.9% reported their arthritis affected their work.

Wasatch County			95% Confidence Limit	
Age	Number in Each Category	Percentage of Population	Lower	Upper
18-34	4,330	37.0%		
35-49	3,678	31.4%		
50-64	2,248	19.2%		
65 or Over	1,454	12.4%		
Total	11,710	100.0%		
Sex				
Male	5,857	50.0%		
Female	5,853	50.0%		
Total	11,710	100.0%		
Ethnicity				
Hispanic	416	3.6%	1.5%	5.6%
Non-Hispanic	11,294	96.4%	94.4%	98.5%
Total	11,710	100.0%		
Income				
Less than \$20,000	1,338	11.4%	7.4%	15.4%
\$20,000-\$49,999	5,103	43.6%	37.6%	49.6%
\$50,000 or Over	5,270	45.0%	38.7%	51.3%
Total	11,710	100.0%		
Education				
Less Than High School	1,030	8.8%	5.1%	12.5%
H.S. Grad or G.E.D.	3,160	27.0%	22.4%	31.6%
Some Post High School	3,293	28.1%	23.5%	32.8%
College Graduate	4,226	36.1%	30.1%	42.1%
Total	11,710	100.0%		
Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

# Resources

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# Arthritis in Weber-Morgan Local Health District

The Centers for Disease Control and Prevention defines individuals with **“arthritis”** as those who report having been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. Results from the 2002-2003 BRFSS Surveys show that one in every four adults 38,506 (26.4%) in the Weber-Morgan Health District reported doctor-diagnosed arthritis. (Figure 1)

Individuals with **“possible arthritis”** are those persons who have had any symptoms of pain, aching or stiffness in or around a joint that began more than three months ago, but they have not been told by a doctor or other health professional they have arthritis. Because we are not sure what proportion of this group has or will develop arthritis, this group is currently not a focus of our program. Using this definition almost one in every five adults (16.8%) reported possible arthritis in the Weber-Morgan Health District. (Figure 1)

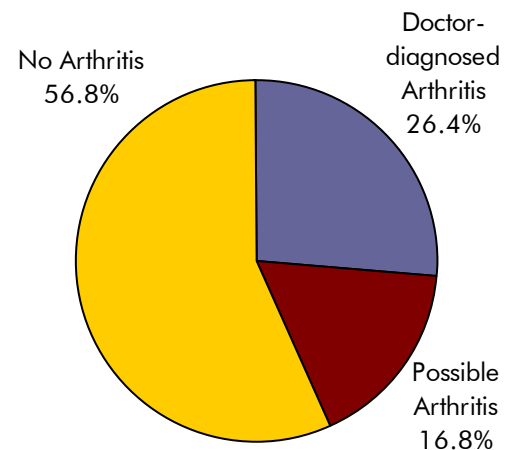
After adjusting for age, the prevalence of doctor-diagnosed arthritis in the Weber-Morgan Health District (28.8%) was not statistically different than the state (25.9%) or the US rate (26.7%). (Figure 2)

Because arthritis is an age-related condition it is important to statistically control for age. While crude prevalence rates indicate the actual occurrence of arthritis in a population, age-adjusted rates are an indicator of the burden of disease used for comparison.

The data presented in this profile demonstrate that arthritis is a public health concern that poses challenges in the Weber-Morgan Health District. It is our intent that these data be used to consider the burden related to arthritis in your district. For additional information, please contact the Utah Arthritis Program at (801) 538-9291.

**Figure 1.**

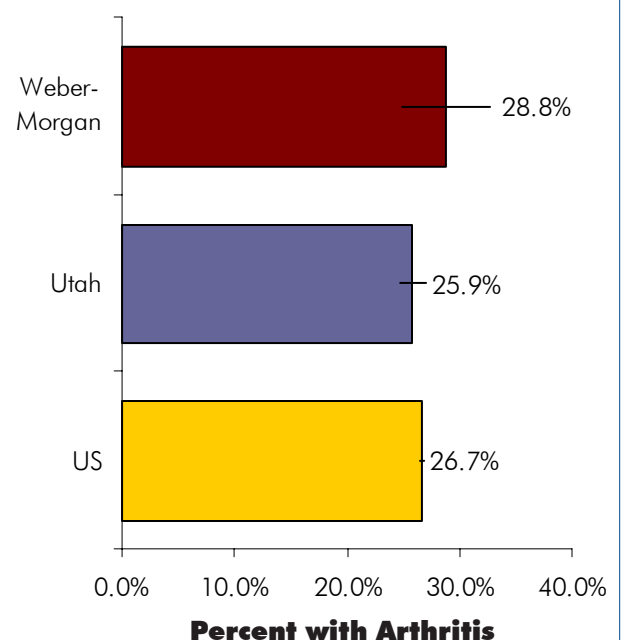
Percentage of Health District Adults with Doctor-diagnosed Arthritis or Possible Arthritis



Source: Utah, BRFSS 2002-2003

**Figure 2.**

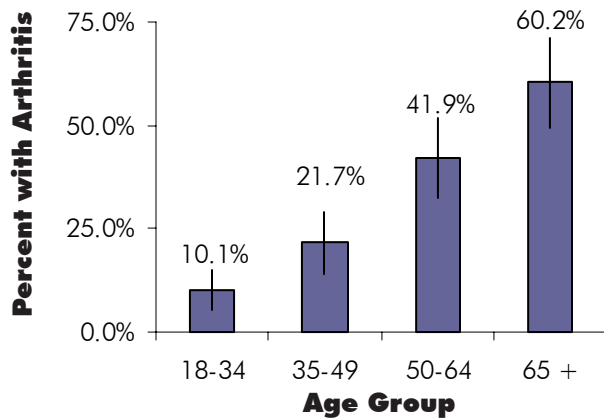
Age-adjusted Percentage of Adults with Doctor-diagnosed Arthritis at the National, State, and Health District Level



Source: Utah, BRFSS 2002-2003

**Figure 3.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Age Group

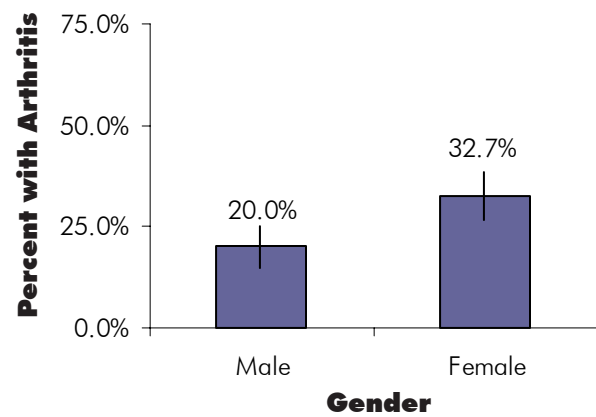


Source: Utah, BRFSS 2002-2003

- In the Weber-Morgan Health District, doctor-diagnosed arthritis increases with age, rising from 10.1% among persons 18-34 to 60.2% among persons over 65.

**Figure 4.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Gender

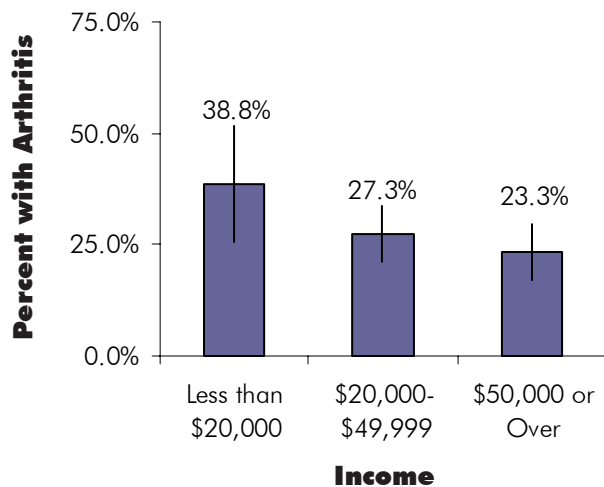


Source: Utah, BRFSS 2002-2003

- In the Weber-Morgan Health District, almost one-third (32.7%) of females reported doctor-diagnosed arthritis compared to 20.0% of males.

**Figure 5.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Income

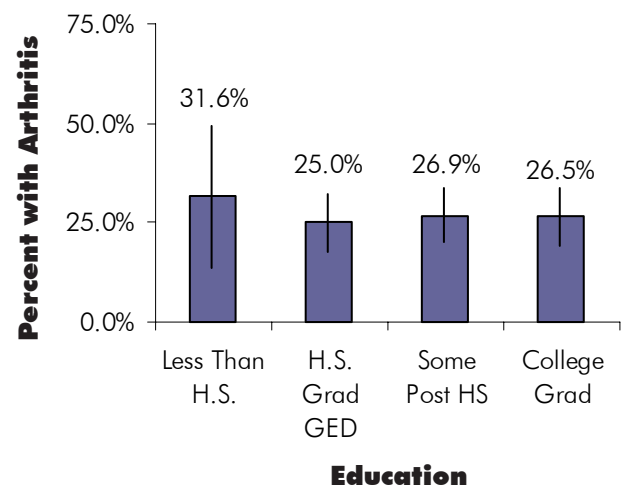


Source: Utah, BRFSS 2002-2003

- In the Weber-Morgan Health District, the prevalence of doctor-diagnosed arthritis is 1.7 times greater among adults living in households with incomes less than \$20,000 (38.8%) when compared to adults living in households earning more than \$50,000 (23.3%).

**Figure 6.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Education

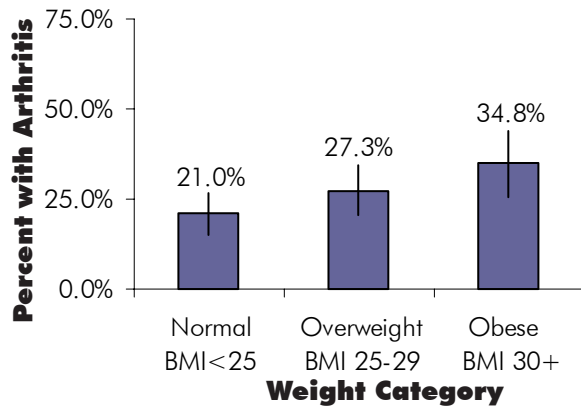


Source: Utah, BRFSS 2002-2003

- In the Weber-Morgan Health District, slightly over half (56.6%) of the individuals with a high school degree or less reported doctor-diagnosed arthritis compared to 53.4% with some post high school education or a college degree.

**Figure 7.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Weight Category

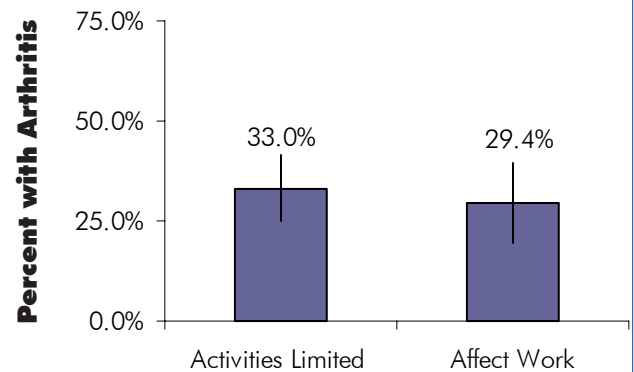


Source: Utah, BRFSS 2002-2003

- In the Weber-Morgan Health District, individuals who were obese were 1.6 times more likely to report doctor-diagnosed arthritis (34.8%) than those who report a normal body weight (21.0%).

**Figure 8.**

Percentage of Health District Adults with Doctor-diagnosed Arthritis by Activity Limitations and Affect Upon Work



Source: Utah, BRFSS 2002-2003

- In the Weber-Morgan Health District, among individuals with doctor-diagnosed arthritis 33.0% reported they limited their activities because of their arthritis and 29.4% reported their arthritis affected their work.

Weber-Morgan			95% Confidence Limit	
Age	Number in Each Category	Percentage of Population	Lower	Upper
18-34	56,886	39.0%		
35-49	40,343	27.7%		
50-64	27,445	18.8%		
65 or Over	21,182	14.5%		
Total	145,856	100.0%		
Sex				
Male	72,464	49.7%		
Female	73,392	50.3%		
Total	145,856	100.0%		
Ethnicity				
Hispanic	7,953	5.5%	3.3%	7.6%
Non-Hispanic	137,903	94.5%	92.4%	96.7%
Total	145,856	100.0%		
Income				
Less than \$20,000	19,570	13.4%	10.0%	16.9%
\$20,000-\$49,999	66,240	45.4%	40.5%	50.3%
\$50,000 or Over	60,046	41.2%	36.3%	46.0%
Total	145,856	100.0%		
Education				
Less Than High School	7,679	5.3%	3.2%	7.3%
H.S. Grad or G.E.D.	45,850	31.4%	27.0%	35.9%
Some Post High School	54,134	37.1%	32.5%	41.7%
College Graduate	38,193	26.2%	22.2%	30.2%
Total	145,856	100.0%		
Population estimates were provided by the Governor's Office for Planning and Budget (2003).				
Population distribution by Hispanic origin, income, and education were derived from the 2002-2003 BRFSS surveys.				

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